

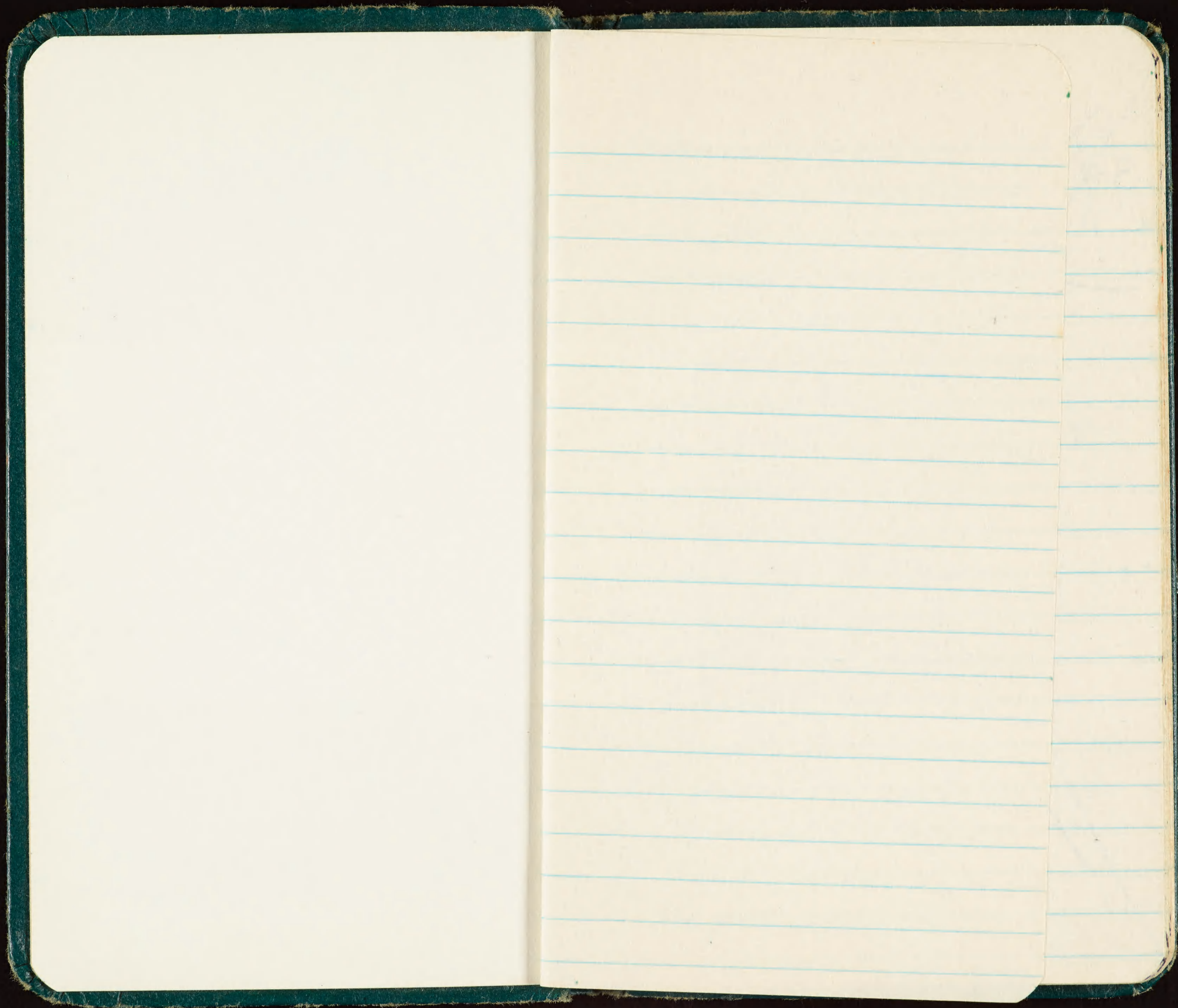
KURE

Memoranda

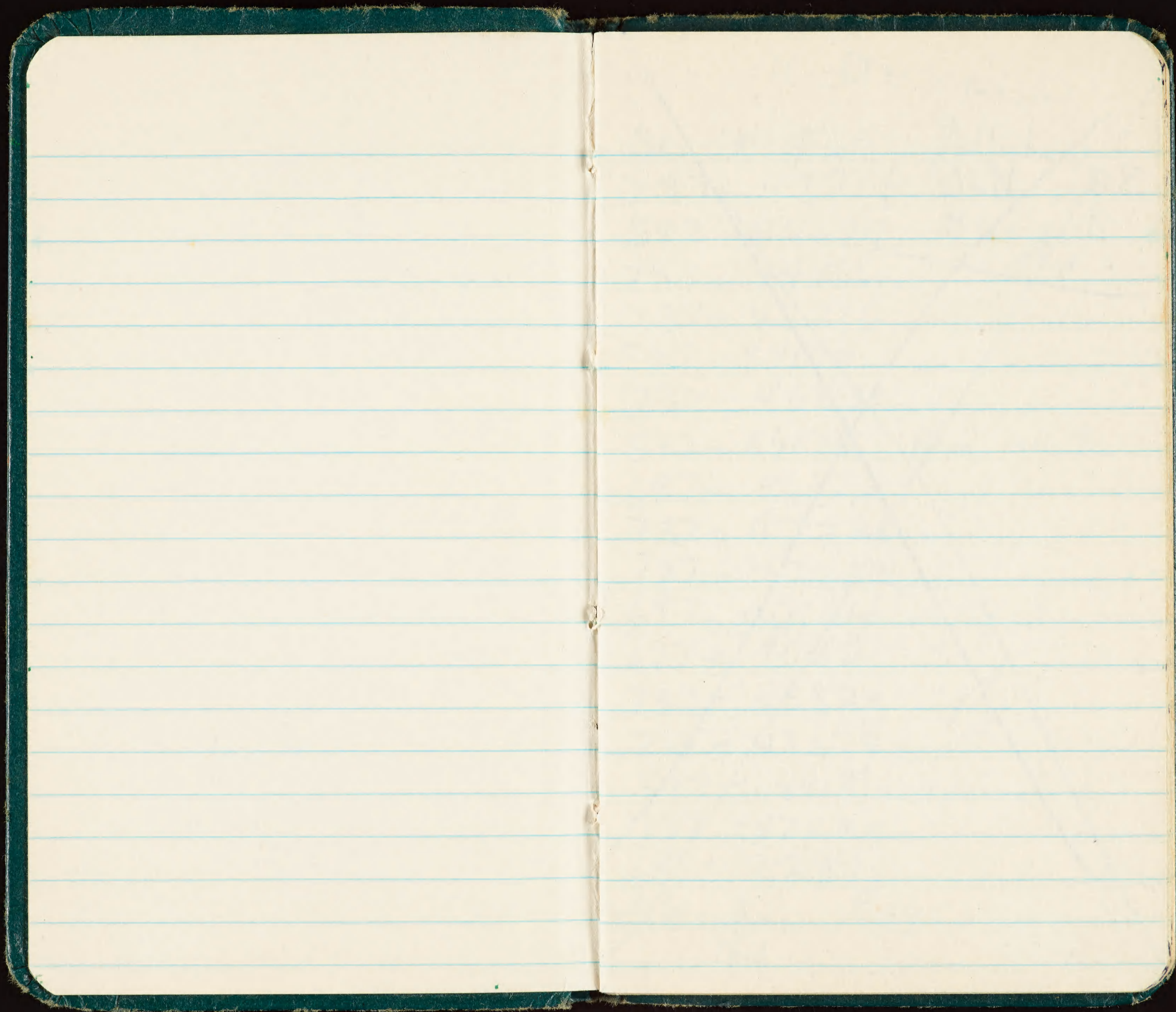














38 Male

11 Dec Returns

Black Foote Albatross

737-47208

597-84177

Blue on R

737-94866

737-47210

597-84174

737-45633

597-84176

Blue on R

697-90177

737-47221

737-47225

697-90164

697-90162

737-45526

737-47229

597-84181

737-47239

697-22901

Abandon Egg

TH



11 Dec

Black-footed

Albatross

737-45625

697-90159

697-90157

697-90160

697-90165

737-90849

737-45261

737-47251

597-84183

737-45629 12 ft from

# BF 12

737-90820 16 ft

BF # 10

737-45624

737-92423

737-90829

597-84184

Nest Abandons

110

11 Dec

Return

Black-footed Albatross

597-84188 Blue on R

737-91009

737-94980

5 ft from 62 BF

737-91008

697-90155

587-58842 2 Red on R

7 ft from BF 64

697-90151

15 ft from BF 64

597 84110 Blue on R.

10 ft from BF 64 510 ft

from # 65

737-90150

3 ft from BF 69

737-91605

597-84198

Black on Right

3 ft from 71

OK



11 Dec

Returns

~~Black-footed Albatross~~

~~737-90152~~

~~737-45734~~

~~597-84055~~

~~737-90014~~

~~667-35399~~

~~667-35397~~ Blue on Right

~~737-45733~~

~~697-90147~~

~~737-95920~~ New

~~697-22908~~

~~667-35392~~

~~667-35395~~ Blue on Rig

~~737-90155~~

~~697-22909~~

~~737-45732~~

~~737-45275~~

~~667-35393~~

~~737-90167~~

*JK*

11 Dec

~~Black-footed~~

~~697-22912~~

~~697-22110~~

~~737-90847~~

~~667-35396~~

~~737-90169~~

~~697-90142~~

~~737-90170~~

~~737-45735~~

~~697-90141~~

~~697-22915~~

*JK*

Seals on Beach

~~III~~ IIII

~~324~~ on Beach ~~K~~ K14

~~284~~ K16 in Sea

~~208~~ in Sea K18

~~230/231~~ in Sea K 21



11 Dec

Black-footed Albatross Returns

737-90165

667-35087

737-45606

737-45139

New Band 737 95921

697-90138

737-45237

~~667-84134~~ Blue on Right

667-35084 Blue on Right

737-94958

597-84195 Blue on Right

737-92414

737-90836

737-45602

737-93969

OK

11 Dec

Black-footed Albatross

597-84038

587-58397

737-32463

737-45725

667-39799

737-91630

737-95812

697-90057

5ft from BF# 52

667-39774

5ft from BF# 52

697 90064

15ft from BF# 52

597-84111 Blue on Right

17ft from BF# 52

697-90063

20ft from BF# 52

587-58778 2 Red on R

20ft from BF# 52



Black-footed Albatross

697-90067

697-90137

737-45595

937-95922 x

667-39676

697-22920

737-91921

737-95923 x

667-39678

737-95924 x

737-95925 x

697-22919

587-58934

737-31464

737-45711

667-39684

737-45769

737-45513

597-84169 blue on RT

OR

~~324~~ (a) K. 24/only

~~304~~ next K 29-30

in S.

~~260~~ K 30-31 in S.

1 unit.

OR



~~2~~

597-84168

737-47179

697-22966

597-84165

737-91622

737-45236

697-90053

697-22969

8' front #8

737-45706

737-91166

20' f. #8

737-45755

12' f. #8

737-45707

2' f. #21

737-45702

737-45577

737-47167

697-22967

597-84160

blue on RV

737-47166

737-45708

*JK*

abar. ~~III~~ ~~III~~ I

697-90049

697-90124

737-45143

737-45587

697-90047

737-90953

~~737-94555~~

737-94592

737-45550

737-91165

597-84090

597-84082

697-22961

697-90122

737-45547

?? 737-90952

597-04679

Blue on Rig

737-45704

Site d #6

697-22958

*JK*



Aband. ~~III~~

~~737-47154~~

~~737 45119~~

~~697-90042~~

~~597-84053 Blue R.~~

~~737-45574~~

~~697-90120~~

~~737-45544 pair~~

~~737 91163~~

~~697-22954~~

~~737-45546 15ABF# 5~~

~~587-63242 20ft BF# 5~~

~~737-94575~~

~~697-90035~~

~~697-80017~~

~~737-45715~~

~~597-84088~~

~~737-45539~~

~~597-84134~~ *OK*

Abandon Egg 1

~~597-84132~~

~~697-90029~~

~~737-45251~~

~~587-58252 Red on Pig~~

~~737-90943~~

~~737-47129~~

~~697-40031~~

~~697 90115~~

~~697-90027~~

~~697-90030~~

~~737-45549~~

~~737-45716~~

~~737 45535~~

~~737 45514~~

~~597-84087 Blue on Pig~~

~~697-90014~~

~~737-45518~~

~~697-90114~~ *OK*



Aband Eq 1

537 90995

697-90024

737 45720

737 90996

697 90021

697 90113

737-45142

737-45141

697 90112

737 91170

737 94566

737-45475 6th # 3

597 84071 5th of # 3

597 84077 Blue R.

737 45743

597-84067

697 90109

JK

697-90106

737 45721

597 84607

737 47128

597 84083

697 90010

597 84049

597 84051

737-45741

737 91734

597 84063 Blue R.

697 90104

737 47303

737 94568

597 84121

697 90102

597 84111 Blue

Blue Rig

JK



Abund 1

697-90007

697-90006

737-45524

597-84118

597 84115

597 84112

Blue Pig

737-45523 Stat #1 (6 ft)

597-84110

Stat # 20 ft

Blue on Pig

737-47291

737-98013

Stat 16

697-90004

10 ft

737-47292

5 ft

697-90003

10 ft

737-47293

597-84105

Blue

OK

737-94555

597-84101

737-45703

597-36170

251  
69  
68  
1



A 47

A 6

A or X 106

B 197

B 112

S 77

B 123

37

A 192

A 5

X 166

B-84

B 50

22 - 15 - 9 - 10

13 - 77 - 2

4 - 6



15 Dec

Masked Booby

39 Adult

6

RR

Dec 16

37 ♂

42 -

38 -

39 ♂

41 ♂

44 ♀

45 ♂

40 ♂

36 ♂

31 ♂

46 ♂

43 ♂

34 ♂

41 ♂

50 ♂

30 ♂

45 ♀

32 ♂

33 ♂

28 ♂

29 ♂

48 ♂

35 ♂

26 ♂

27 ♂

RR





Dec 17

25  
26 ♂  
27 ♂  
28 ♀  
29 ♂  
30 ♀  
31 ♂  
32 ♂  
33 ♂  
34 ♂  
35 ♂  
36 ♂  
37 ♂

38  
39 ♂  
40 ♂  
41 ♂  
42 -  
43 ♂  
44 ♀  
45 ♂  
46 ♂  
47 ♀  
48 ♂  
49 ♂  
50 ♂

RRD

18 Dec  
Layson

26 ♂  
27 ♂  
28 ♀  
29 ♂  
30 ♀  
31 ♂  
32 ♂  
33 ♂  
34 ♂  
35 ♂  
36 ♂  
37 ♂  
38 -

39 ♂  
40 ♂  
41 ♀  
42 Female  
43 ♂  
44 ♂  
45 ♂  
46 ♂  
47 ♀  
48 ♂  
49 ♂  
50 ♂

RRD



18 Dec

Marked 1-25 Albatross  
nest in N. Antenna F.

18 Dec

1810

27 Fw ig

1 in Air

230 RFB

30 in Air

13 Brown B in thermal



Shore birds  
19 ~~20~~ Dec  
North ~~Antenna~~ End

Laysan Nests 43 - ~~10~~  
17 - 74 - 9 - 5

148

Laysan Birds - 30 - 15  
66 - 8 - 7 = 126

eggs 1 - 1 - 4 - 3 - 2 = 11

Gp - 2 4 - 1 = 7

RT - 4 - 8 - 1 - 2 = 15

BTC - 1 - 1

BF Alb

19 ~~20~~ Dec

South A. F.

Nests 12 - 74 - 16 - 21 - 18  
5 - 19 - 24 - 6 = 185

Birds 3 - 57 - 1 - 12 - 25  
4 - 16 - 15 - 5 = 138

eggs - 2 - 2 - 2 - 2 = 8

Gp - 5 - 3 - 1 - 3 - 2<sup>14</sup>  
RT - 1 - 1 - 4 - 7 = 13  
BTC - 1 - 1 = 1

BF Alb = 3 birds  
Nest - 1



19 ~~20~~ Dec  
Runway

Nests ~~302~~ - 9 - 32  
8 - 20 = 71

Birds 28 - 8 - 1 - 12  
= 49

GP 2 - 9 = 11

RT 5 - 9 = 14

BFA/b Nest 1 - 2 - 3  
Birds 1 - ~~3~~ - 2 = 3

BFA Nests - 1 = 7

19 ~~21~~ Dec  
Station G & E Behind  
Fuel Tanks

N 9 - 9 - 9 - 17 - 16  
33 = 78

Birds 6 - 3 - 6 - 11 - 18  
24 = 68

Eggs - 1 - 2 = 3

BTC - 1 = 1

GP 4 - 1 - 3 - 1 = 9

RT 1 - 1 = 2



~~19 Dec~~

1929

1 Green	19 Red
2 —	20 Green
3 green	21 Green
4 Un M	22 Red
5 Un M	23 Green Red By
6 Green	24 Green
7 Red	25 Green
8 Red	26 ♂
9 Red	27 ♂
10 Green	28 ♂
11 Green	29 ♀
12 green	30 ♀
13 Un	31 ♂
14 Green	32 ♂
15 Green	33 Un Mortal
16 Red	34 ♂
17 green	35 ♂
18 green	36 ♂



18 Dec

37 ~~Green~~ ♂  
38 ♀  
39 ♂  
40 ♂  
41 ♂  
42 ♀  
43 ♂  
44 ♀  
45 ♂  
46 ♂  
47 ♂ Can/Martie  
48 ♂  
49 ♂  
50 ♂

gdt

19 Dec

Brooklyn Babies  
49



20 Dec

Activity Study -

Read "Magnificent  
Obsession"



21 Dec

Blackfoot Returns Breed

737-45608 Nest

667-35081 Nest

642-22917 Nest

667-35086 Nest

Unbanded

Painted 3-

737-45728 Nest

647-22193 Nest

737-91688 Nest

737-98172 Nest

737-45610 Nest

737-45724 Nest

RR2

Total

III III III III

276 Bet 18 & 19

in Scaevola

341 Bet 17 & 18 in

Scaevola

247 Same

~~281~~

208 in Scaevolt Bet 18 & 17

343 Bet 15-16 in Sea

288 Bet 13-14 Scaev

282 K 13 & 14 scaev

Broken tag Seal

295

Almost blind

289

317 Bet 13 & 14 Sea

244 Beach



Blackfoot Recovery  
Bare Brood P

737-450272 BPB

697-22914 BPB

737-45137 BPB

737-90157 Nest

737-45729 Nest

597-84200 Nest

Blue on Right

737-90154 Nest

667-35398 BPB

Sitting on sand

pile of 2" New Sand

14, at NP on Nests

3. Painted

PPJ

Scals

III

304 & Untagged 3914

Scalala

223 Back side of

tag is gone



4 Unmarked  
14 green  
1 green  
5 unmarked  
6 green  
23 green Red near by  
9 Red  
29 green  
11 green or unmarked  
25 green  
10 Red blue  
21 green  
16 green  
3 green

22 Dec Aba

14 green  
6 unmarked  
5 blue  
1 green  
23 G Red near by  
9 Red  
29 G  
11 G  
25 G  
12 An M  
18 G  
21 G  
16 G  
3 G



~~279 + 6 others  
at K36~~

~~264 + 2 at dump~~

~~RL 30,  
dead in  
wrecking  
station  
killed by dog~~



23 Dec

20 Albross ~~seen~~  
N. of Firing Range  
8.5 in range

~~345 of K37~~

~~231 <sup>(at)</sup> K35 seen~~

~~235 ~~811~~ seals in  
Tropic bird area~~

~~264 + 2 at camp~~

Mark

Afternoon

Held the tagg broker  
off

~~235 + 22 seals  
K36 in RTTB  
area~~

~~275 North of dump~~



~~230g~~

#1600

#1 Weight 18 1/2 oz  
1/2 oz refused food.

#2 Band 635 - 2/287

20 oz

Ate 30 oz

#3 1

11.5 oz

1/2 oz of fish  
very weak about  
to die

23 Dec

1900 RTTB Feeding

#1

Ate 1/2 oz of fish.  
Not wanting to eat. It  
flew 150 ft when placed  
outside

#2 Ate 1.5 oz of  
fish. very greedy

#3 Too weak to  
eat. Forced down  
small needle fish.



Bonin  
793-20884 to  
793-20894

24 Dec

~~933~~

344 at K 36 in sea

274 <sup>K45</sup> by albatross  
study area at 5.00

9 in Rtb area

304 K 34 in sea



24 - Dec

18~~00~~ Red

21 G

23 Red G near by

9 Red

24 G

11 G

25 G

3 G

16 G

5 Un

6 Un

14 G

1 G

Birds

eggs

Hun

selling on  
now

25 Dec

25 G

24 G

11 Un

23 R G near by

27 G

19 Un

15 R

15 G

16 G

3 G

4 Un M

14 G

1 G

5 Un

6 Un

264 + 16 in RHB  
area at X 36



East <sup>26 Dec</sup> Beach

Laysan Nests - 16 - 6 - 2  
7 - 10 - 4

(43)

Des - 1

Black foot Nest - 5 - 3 - 13  
2 - 1 - 1 - 2 - 1 - 3 - 3

(34)

Black foot Birds - 7 - 1 - 5  
1 - 1 - 2 - 2 - 1 - 2 - 1

(42)

Sand

BTE

GP - 4 - 4 - 2 - 1 - 2 - 1 - 1

RT - 1 - 5 - 5 - 1 - 4 - 2

WT - 1 - 1 - 1 - 1 - 1 - 1

<sup>26 Dec</sup> West Beach

Laysan Nests - 5 - 3 - 8  
7 - 5 - 6 - 17 - 10 - 20 - 25  
29 - 3 - 21 - 16 - 28 - 3  
4

(210)

Black foot Nests - 8 - 7  
4 - 10 - 4 - 2 - 2 - 3 - 3

7 - 3 - 20 - 3 - 2 - 1 - 9  
7 - 6 - 1 - 7 - 5

(114)

Black foot Birds

1 - 4 - 3 - 2 - 3 - 1 - 2  
4 - 2 - 8 - 10 - 3 - 5 - 1 - 6 - 5  
8 - 5 - 2 - 3

(78)

Sand - 1

BTE

GP - 4 - 1 - 2 - 1 - 1 -

RT - 3 - 1 - 2 - 2 - 2 - 2 - 3  
- 5



26 Dec  
South point

BF Nest

R-1-2

-5-5

Black F Birds

14-2-6-4

1-5 2

Laysan Nest

3

5-1-1-1

Glaucous W G - 1

One legged Sanderling

Right leg remains

GP - 1

RT 5-4

WT - 1-1

26 Dec  
North point

BF Nest 3

BF Birds - 1



26 Dec  
Seals

~~254 + 347 Bet 25-6  
in Seal~~

~~{ 208 in Seal, K 26-27  
264  
286~~

~~273 - K 27-28 in  
Seal~~

~~221 - K 29-30 in  
Seal~~

~~304 + 3 at K 31 + 32  
in Seal~~

~~225 K 32 + 32  
in Seal~~

26 Dec

~~Total Seals  
|||||  
|||||~~

~~285 + 1 laying together  
like Copulation in  
K 34 + 35 in Seal~~

~~264 + 275 Bet K 34 + 35  
in Seal~~

~~247 + 3 at K 35  
in Road cut~~

~~281 + 1 Damp at Seal  
Clump~~

~~270 K 47 in Seal~~



26 Dec

Immature B.F. Kittiwake Laysan

22-25-8

K 3 3 & 3 4 put  
back in  
step off

26 Brown Bear on  
Beach

26 Dec

Central No 5

GP - 4  
RT 4



26 Dec  
Seals

~~277 N.P. in sea.~~

~~346  
242  
240  
251  
335  
275~~ } ~~7 more seal  
+ 1 more  
1 jagged  
North point~~

~~219 - at K13 in sea~~

~~276 - bet 13 & 14 in sea~~

~~295 - bet 13 & 14 on beach  
343 } together~~

~~278 + 1 K13 & 14 in sea~~

~~249 15 in sea~~

26 Dec

~~Total - III III III  
III III III~~

~~208 \$ 312 on Beach  
@ K19~~

~~231 - 21 - 22 in sea~~



26 Dec 1600  
Black FA.

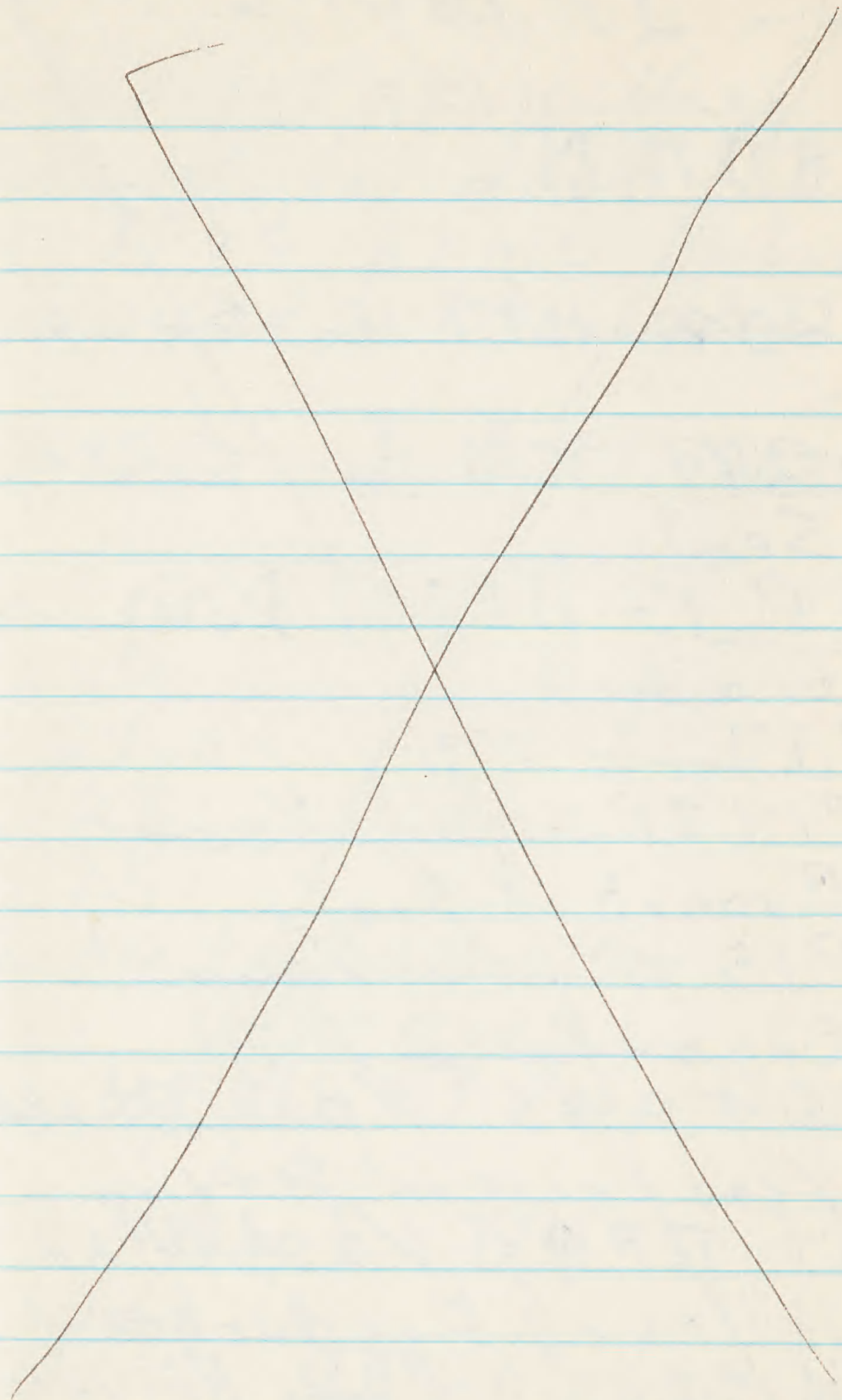
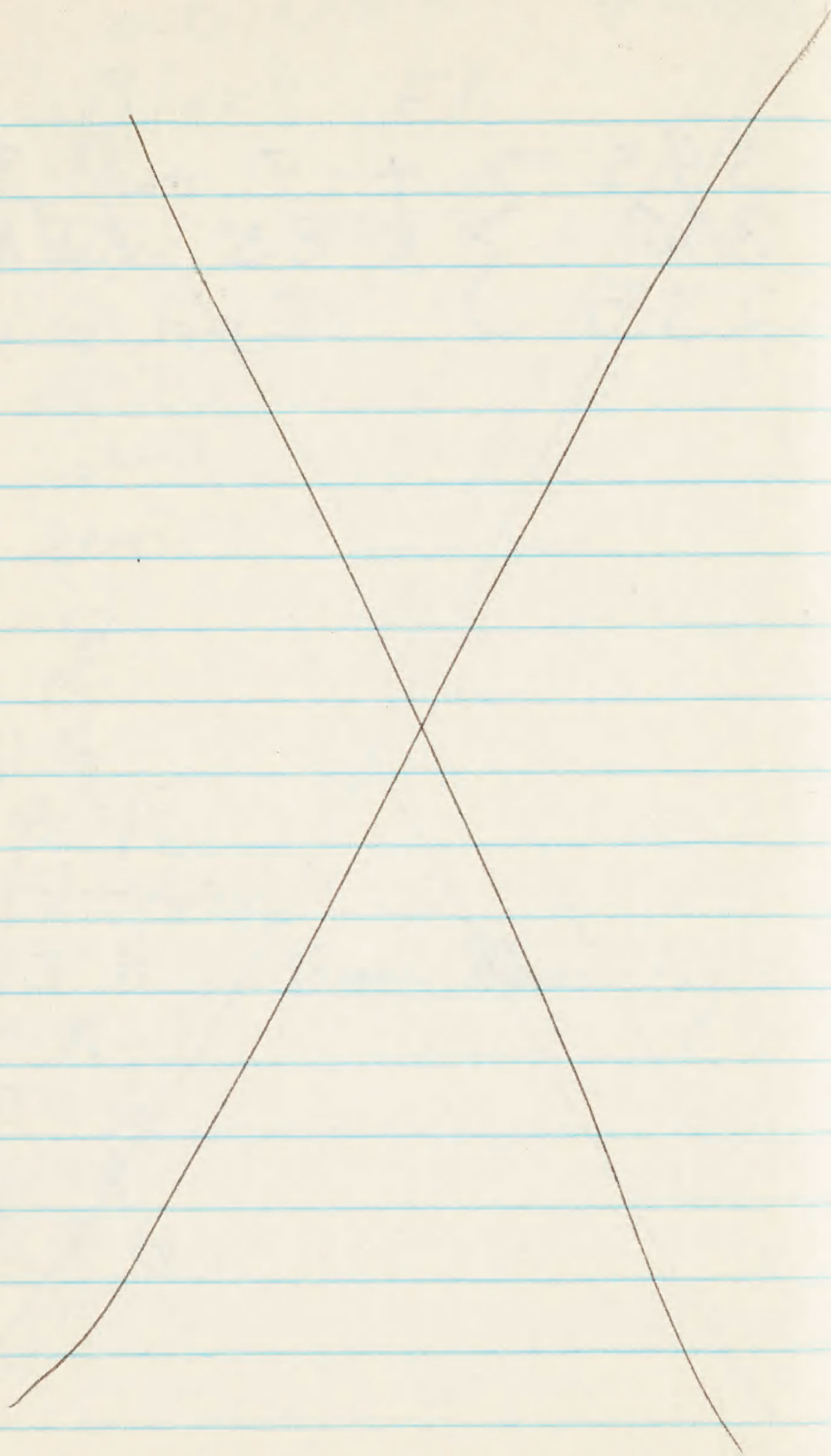
4 un  
14 G  
1 G  
5 un  
6 un  
16 G  
3 G  
21 G  
18 R  
~~17 un~~  
23 R  
9 R  
24 G  
11 R  
25 G

Green Near by

26 Dec

345 } + 9 out Sol  
306 } K 35 RTB  
235 } Ave







27 Dec

3 RHB

208 H17 in Sca

249 K16 in Sca

Seal

P 12 TP 95 1/500

wander T

P 13 TP 205 1/500

P 14 TP 205 1/500

Brown B & Seal

P 15 TP 205 1/500

Brown B. in Air

16 TP 95 1/500 BFA1b

1/500 correct setting

17 TP 95 1/250 BFA1b

Allowed for dark bird.

18 TP 95 1/350 BF A1b

Allowed for dark bird

27

19 TP 95 BFA1b 1/250

Allowed for dark bird

20 TP 95 BFA1b 1/250

Allowed for dark bird.

295- K 13-14 Sca

24 @ NP

240

224

324

275

Broken tagged Seal 1/2

(No Left eye)

31 BFA1b 1/500 (205)

22 Ruddy T. TP 205

1/500

23 RT. TP 205 1/500



27 Dec

24 Laysan Nest 1/250  
8 ft

25 Laysan Nest 1/250  
8 L 63

~~180~~ 1700

~~273 K 28 in Sca~~

~~291 K 32 in Sca~~

~~227 } H 33 & 34 in~~

~~317 } Sca~~

~~264 } K 34-35~~

~~279 } in Sca~~

~~302 K 34-35 in  
Sca~~

~~200~~

~~27 Dec 27~~

~~209 + 35 - K 35-36~~

~~214 } + 3 RHB  
333 } H 35-36~~

~~284~~

~~300~~

~~306~~

~~231~~

~~281 K 45 - Dump~~

~~274 - K 45 Damp Alb~~

~~282 & 3 Cont read  
Prcg ♀~~

~~304 K 45 Alb~~

~~293 Prcg ♀ K 46 in  
Sca~~



27 Dec

5 Un  
6 un  
14 G  
1 G  
4 Un  
3 ~~un~~ G  
16 ~~un~~ G  
21 G  
18 R  
23 R  
9 R  
24 G  
11 R  
25 G

27 Dec

1 ~~G~~ Glaucous W G  
S.p.

255 ~~Clump S of BM~~

Bonin Banding  
793-20895 = 900

793-21001 through 03

26 Glaucous W Gull  
5.6 1/500 8 ft

27 Glaucous W Gull  
5.6 1/500 8 ft



28 Dec

1300

23 R

9 R

24 G

11 R

25 G

18 R

21 G

16 G

3 G

4 un M

1 G

14 G

5 un

6 un

28 Dec

281 K 4 5 in 5<sup>th</sup> e

345 } + ~~12~~ 35 RNB

306 }

300 }

214 }

10

344 in Road K 35

P28 L 556 not adjusted

Sanderling. TP 205 1/2 50

P28 L 125 adj.

Sanderling TP 205 1/2 25

30 - TP 205 L 55688

↓

Unarrived -

36 Black legged Kittiwake

37 Glaucous W Gull.

TP 205 L 8-250



28 Dec

~~275 289 275~~

~~298~~

~~218~~

~~+ 10310 North P~~

~~295 \$ tagg-half broken~~

~~BeT 13-14 Sca~~

~~200 K 14-15 Sca~~

~~244+1 K 14-15 Sca~~

~~Total 111~~

~~263~~

~~235~~

~~208~~

~~+ 2 B~~ET~~K  
K 18 in Sca~~

28 Dec

202 K 20-21 Sca

Bonin Banding

793 - 21004 - 12

Dead Rats everywhere

RTurnstones Eating rat  
poison.

14 Common Noddies



29 Dec

~~344 K 35 Road~~

~~N Beach at 0730.~~

~~260 - K 31 ? BFA~~

~~345 + 3 K 45 Seq~~

~~202 + 1 K 44-45 Seq~~

~~275 + 10 North D~~

29 Dec

~~4 Aln~~

~~7 G~~

~~14 G~~

~~5 Aln~~

~~6 Aln~~

~~3 G~~

~~16 G~~

~~21 G~~

~~23 R~~

~~9 R~~

~~23 G~~

~~11 R~~

~~25 G~~

~~24 G~~



30 D. C

4 W M

1 G

14 G

5 W M

6 W M

30 G

16 G

21 G

23 R

9 R

11 R

24 R

25 G

30 pe - <sup>n</sup>

260 Road 3? BFA

345 + 1 K 35



85  
28  
680  
170  
2386

2 Fairy Terns

Month<sup>31</sup> Dec  
AT

Laysan

23-23-10-8  
15-24-8

BTC - 1-1

GP 6-7-1

AT 5-4-8



South 31 Dec  
A.F.

Laysan 32 - 63  
- 12 - 10 - 8 - ~~2~~

Black Birds - 6

Black At Nest - 1 - 1

RT 4 - 2 - 2 - ~~0~~

RT 1 - 1 - ~~1~~

GP - 3 - 2 - ~~1~~ - ~~0~~

Sta Grounds

RT - 7 - 2 - 1

GP. 1 - 7 - 3 - 4

Laysan 29 - 9 - 25

Des - 2 - 2 - 3

168  
125  
43

34 25  
168 430  
336  
940  
540  
1000

841 7290



Runway

Laysan 3-9-12-10  
5-24-16-17-10-4-10  
15-7

BT N -1-2-1-7-1

Black f Birds - 4-2-1  
1-4

Desert of leg 5

RT 1-1-2-1-1  
1-3-5-2-4

GP - 4-2-2-1-3

3-2

BT &

G W G - 3 @ SP

Laysan Control

#5 2 eggs Dashed

Good 14-10  
Des 1

Good 7-11-5  
des 1-1



31 Dec

1 Red  
5 Un  
14 Un  
6 Un  
4 Un  
3 G  
16 G  
21 G  
23 R  
9 R  
24 R  
11 R  
25 G

1 Jan 64

9 R  
24 R  
11 G  
25 R  
23 R  
21 G  
3 R  
16 G  
4 Un  
1 R  
14 Un  
5 Un  
6 Un

Green Nearby



2 Jan

312 K22 on beach

737-91893 Sick bird

28444 K35 scae

2 Jan

4 G

1 R

14 um

5 G

6 um

3 R

16 G

21 G

23 R

9 R

18 G

24 R

25 R



~~3 Jan~~

4 Green

1 R

14 Un

5 G

6 Un

3 R

16 G

21 G

23 R

24 R

25 R

11 G

~~4 Jan~~

4 G

1 R

14 Un

5 G

6 Un

3 R

16 G

21 R

23 R

9 R

11 Un

24 R

25 R



4 Jan

793-21018

Bonin & Petrel

71  
18  
59

9/3 banded

20 banded

793-20283

793-20480

773-18399

793-20460

753-32661

793-20758

793-20678

753-32873

753-33015

753-33339

753-33010

793-21070

4 Jan

Banded Birds

Put up Albatross  
Benleeze



5 Jan

4 G

14 9m

1 R

5 G

6 9m

3 R

16 G

21 R

23 R

9 R

24 R

11 G

25 R

5 Jan

~~345 K 37 Beach~~

~~312~~

~~K 17 Sca e~~

~~278~~

~~"~~

~~218 } + 8 N Point~~  
~~275 }~~



6 Jan

5 G

6 Gln

14 Gln

4 G

1 R

3 R

16 G

21 R

23 R

9 R

11 G

24 R

25 R

6 Jan

284 + 2 K 35 S<sub>oe</sub>

Common Noddy 3



7 Jan

324 + 2 K - Rifle R  
Boach & Seal Kas

328 K14 Seal

Seals 6 - 6 - 2 - 1  
- 3

287 - K21 Seal

256 K16 Seal Preg

306 - K21 Seal

7 Jan

1800

56  
14 Gun

1 R  
6 Gun  
4 G

3 R

16 G

21 R

23 R

9 R

11 G

24 R

25 R



8 Jan

Strange bird

Peal H-1-1-1

278 + 1 K33 Beach

291 K34-35 Scae

284 + 4 K 3 5 Scae

249 46 & 47 Scae

274 47-48 Beach

~~295 - N of Tower~~

~~240 - 275 + 9 @ N.P.~~

~~283 - 13-14 Scae~~

~~241 13-14 Scae~~

236 + 1 18-19 Scae

300 K 19-20 Scae

8 Jan

1700

5 G

4 G

6 W

14 W

1 R

16 G

3 R

21 R

23 R

25 R

11 G

24 R

9 R



8 Jan

793 - 21020

Bonin Pet

723 - 66805

9 Jan

West Beach

Laysan - 26 - 24 - 16 - 8  
17 - 21 - 9 - 20 - 3 - 1

Black F Nests - 12 - 7 - 8  
17 - 12 - 21 - 9 - 16 - 3

44  
42  
- 9  
105

Black F Birds - 11 - 5 - 5

4 - 10 - 4 - 16 - 12 - 5 - 2

GP - 1 - 1 - 2 - 1

924  
74

RT - 5 - 1 - 2 - 1 - 3 - 4

WT - 1

Des - 7 - 3



9 Jan  
East Beach

Laysan N. 17-2-3-10-6  
3

BF Nests - <sup>1</sup>14-3-1-5-7-2

BF Birds - <sup>1</sup>4-18-3-2

GP - 1-1-1-3

RT - 1-6-1-5-2-~~1~~  
3

GP - 1

WT - 3-2-1-1-1

9 Jan  
North Point

5 ~~Laysan~~ BFAB ~~10~~ Birds

2 Nests

WT - 1

2 Glaucous G

RT - 1

South Point  
Laysan - 4-4

BFA Nest 7 - 3

BF Birds 3 - 53

RT 17

GuG - 3

GP - 2



9 Jan  
Central Roost

hags<sup>en</sup> 32=5

RT 6-2-02-1

GP 3-1

9 Jan

Seals

~~275 + 5 N.P.~~

~~Seals IN IN IN IN~~

~~241 - K13-14 S<sub>coe</sub>~~

~~278 - K14-15 S<sub>coe</sub>~~

~~208 K <sup>17-18</sup> ~~16-17~~ S<sub>coe</sub>~~

~~260 K 21-22 S<sub>coe</sub>~~

~~210 K25 S<sub>coe</sub>~~

~~345 on Beach K 36-37~~

~~349 S<sub>coe</sub> K46-47~~



9 Jan

Laysan Back in J-1

RTTB - ~~1000~~ 7

2-3-4-5 Laysan Count skip

TP 205 1/250 - 8

6. 1895 BFAIP on Nest

1/500 - 8 -

7-8 RTTB in Air

TP 205 - 1/500 - 8

Sand Is Seals 50+

Island only 75yd

9 Jan

1700

4 G

1 R

142m

5 G

6 Aln

G now by

21 R

3 R

16 G

23 R

9 R

11 G

24 R

25 R



10 Jan

937-91896 Sick bird.  
on nest

K 38 ~~39~~ 39 Same bird

937-91499 Sick bird  
on nest Blood

937-91435 On nest  
Blood - Sick

10

4 G

1 R

14 2ln

5 G

6 2ln

3 R

16 R

21 R

23 R

9 R

11 G

24 R

25 R



11 Jan

4 G  
1 R  
14 2hr  
5 G  
6 2hr  
3 R  
16 R  
21 R  
23 G  
9 R  
11 R  
24 R  
25 R

12 Jan

4 G  
1 G  
14 2hr  
5 G  
6 2hr  
3 R  
16 R  
21 R  
23 G  
9 R  
11 R  
24 R  
25 R



12 Jan

230 } + 7 at 35  
335 }

3 Sandroling

5 Gulls

295 } + 3 at Damp

347 }

304 } + 2 K #5  
254 }  
281 }

277 N.P. Scare Clump

Seals ~~111~~ 1

275 + 4 N.P.

260 - K 13-14 Scare

214 } + 1 K 14-15  
239 } on beach

276 K 15 - 16 Scare

226 - Bit by a shark  
Two cats one foot  
long across back  
Clear throw fat into  
meat. fat  $1\frac{1}{2}$  inch  
thick.

Cats 10 inches apart  
Back  $\frac{1}{2}$  paralyzed.



12 Jan

226 3 + 1 K26  
236 } Beach

324 - 26-275 < 44

Came back to take  
picture, seal went  
into water. All  
muscles cut at  
back halves

291 K33- See

344 K34 Road

Checked for seal 2230

13 Jan

Sand Is 30 ft  
2 seals



30/3 Jan

1 G  
3 G  
4 G  
5 G  
6 un  
9 R  
11 R  
14 un  
16 R  
21 R  
23 G  
24 R  
25 R

60 days  
60 days

Two Glaucous

13 Jan

Seals ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

1  
227 }  
225 } +5 K 36  
230 }

202 H 21 - Beach

270 20-21 Sca

208 17-18 Sca

295 +1 K 16-17 Sca

214 } K 15-16  
282 } Sca

346 - K 15-6 Sca



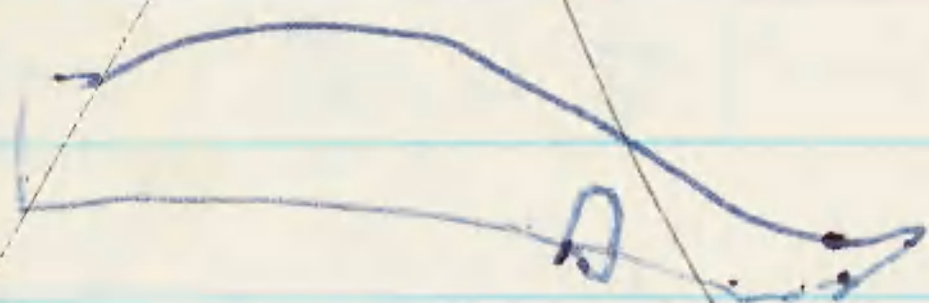
13 Jan

283 +1 K 14-15 Scar

260 K 13-14 Scar

328 +1 K 13-9 Scar

Big cut out of lower  
left side • Healed over  
Seal partly paralyzed  
in hind flipper



13 Jan

283 has blood on  
nose & flipper



14 Jan

1 egg  
3 G  
4 G  
5 G  
6 Un  
9 R  
11 R  
14 Un  
16 R  
~~18~~  
21 R  
23 G  
24 R  
25 R

61 days  
61 days

BFC - K 22

14 Jan

295 }  
285 } + 16 Np  
~~270 }~~

~~232 + 1 K 13 Beach~~

~~263 + 1 13 on Beach~~

235 }  
260 } + 1 K 14  
~~278 }~~

~~208 + 1 K 15 Beach~~

~~295 15-16 Scap~~

~~202 - K 22 Scap~~



14 Jan

~~255 K 25-26 Scue~~

~~253 + 2 K 28-29 Scue~~

~~304 + 1 29-30 Scue~~

~~251 + 1 K 30 Scue~~

Seals

~~NU111~~

~~221 + 2 K 32 221 B  
- 2 on Beach~~

~~231 K 34 Scue~~

~~230~~

~~276~~

~~247~~

~~225~~

~~+ 10~~

~~K 35~~

14 Jan

~~235 + 1 K 36 Beach~~

~~274 K 45 Scue~~

~~293 + 1 K 46 Scue~~



1/14/64

737-94884	737-90904
737-47461	587-66515
" - 92042	697-90355
" - 47407	697-90350
" - 94506	737-91377
" - 94282	697-90339
697-90554	737-91323
737-92024	737-90550
" - 94881	
" - 47454	
" - 47424	
" - 46095	
" - 92022	
" - 47429	
" - 92035	
" - 94608	
" - 94689	
" - 91152	
" - 94292	
" - 45922	

737-93252	
" - 45918	
737-90505	
" - 94503	
697-90492	22 printed
697-22226	20 unband
667-39748	
697-22231	
737-91153	
737-45553	
697-22327	
737-91785	
697-22332	
737-47106	
697-90456	
737-47142	
" - 90999	
697-22010	
" - 90423	
" - 22011	



14 Jan

84 RTB  
10 Frig

Roost

324  
650

53

Runway

Lagsan 79-51-~~20~~50  
3-

Blackf N 16-5-2

Black B. -11-11

GP-4-3-0

RT-1-6-1-~~7~~

@

Desert -3-~~3~~

Green Lousan ~~7-7-7-~~8~~~~



St gr

Laysan 40 - 23-2

RT - 3 - 2

GP 1 - 2

Gwen 27

Des 11 3 - 2

N A E

Laysan 1/97-7

Laysan Des 3 - 4

RT 18

GP - 3



S.A.F.

Laysan - 67 - 15

Des - 32 - 11

Rt 5 - 4

Black N - 1

Black Birds - 2 - 1

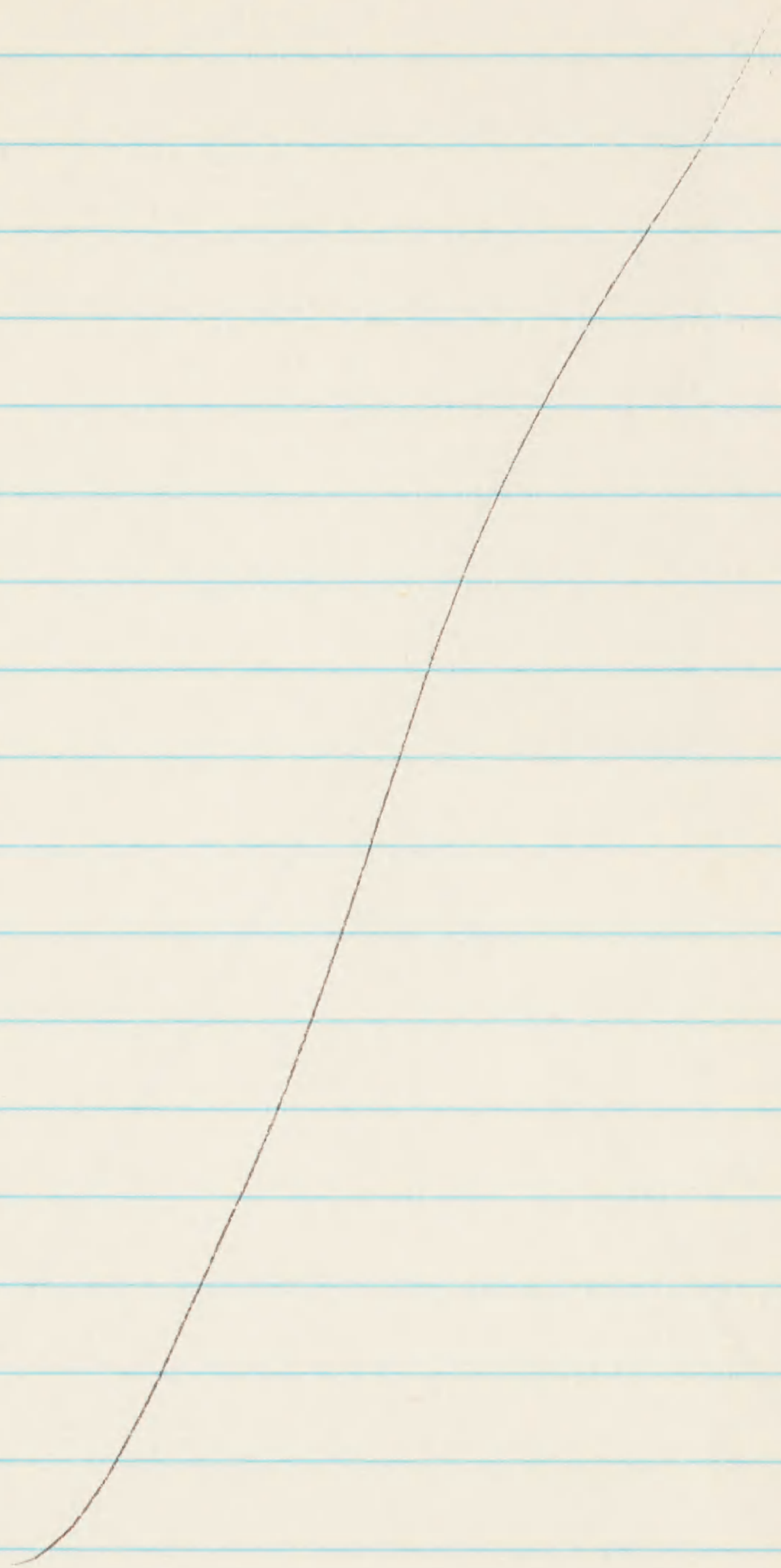
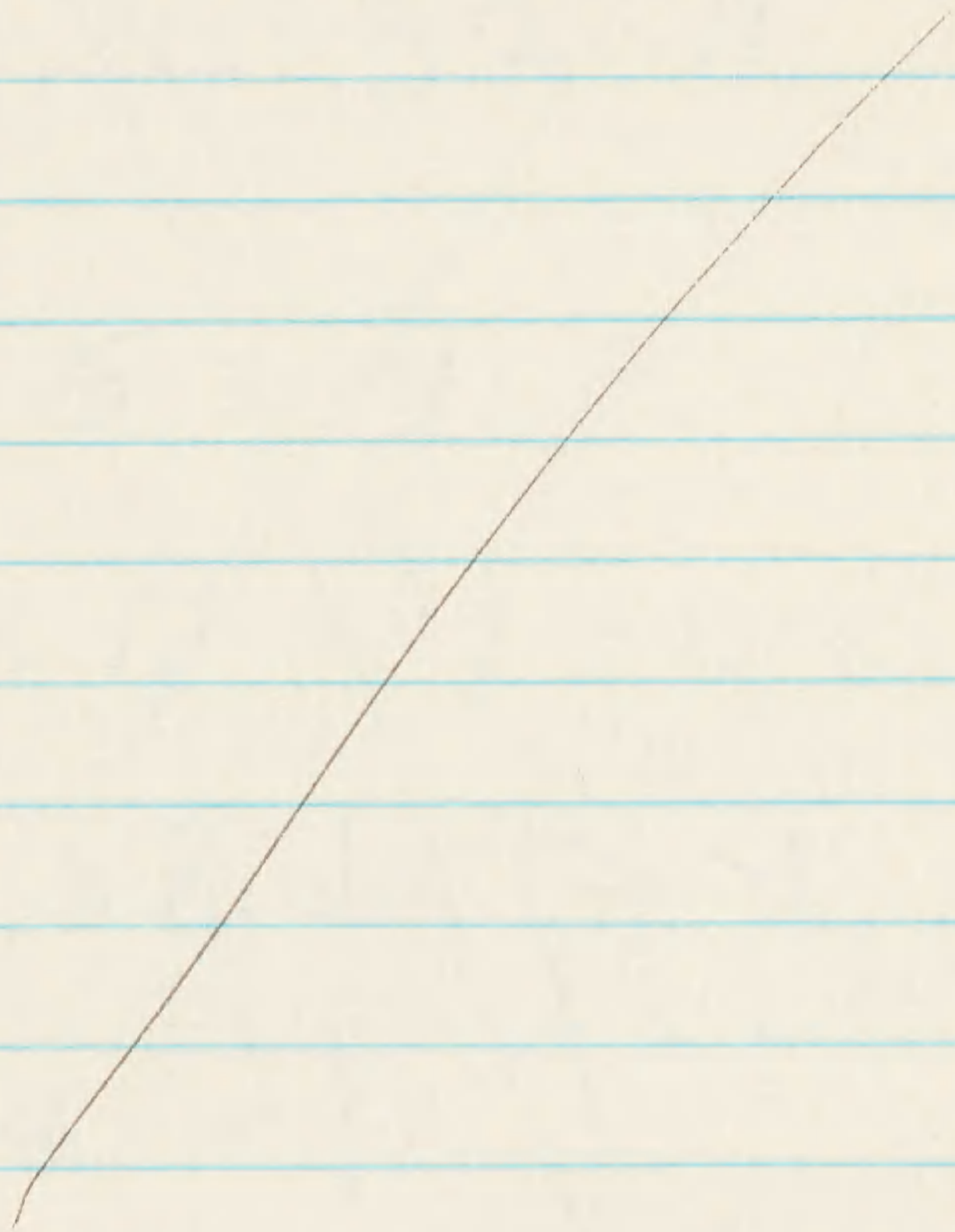
Crow - 1

Plover - 2 - 3

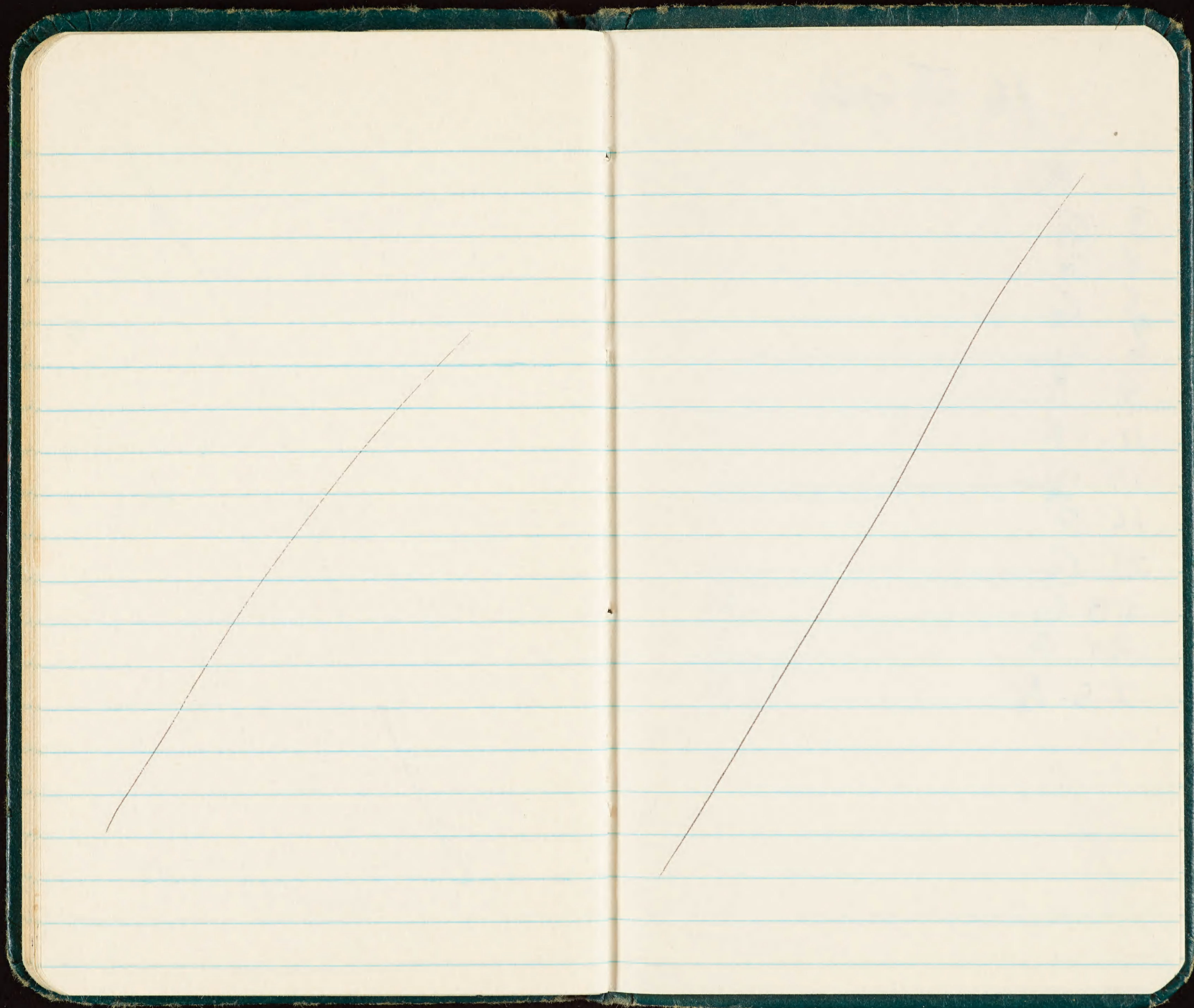
Dead - 9 - 1

G Laysan - 1 - 1











16 Jan

1 R  
3 G  
4 G  
5 G  
6 un  
9 R  
11 R  
14 un  
16 R  
21 G  
23 G  
24 G  
25 R

15 Jan

1 G  
3 G  
4 G  
5 G  
6 un  
9 R  
11 R  
14 G  
16 R  
21 R  
23 G  
24 R  
25 R



Laysan Control  
24-1 Bq R.W.

1

3

4

5

6

9

11

14

16

21

2

2

2

Mask B by Triangle

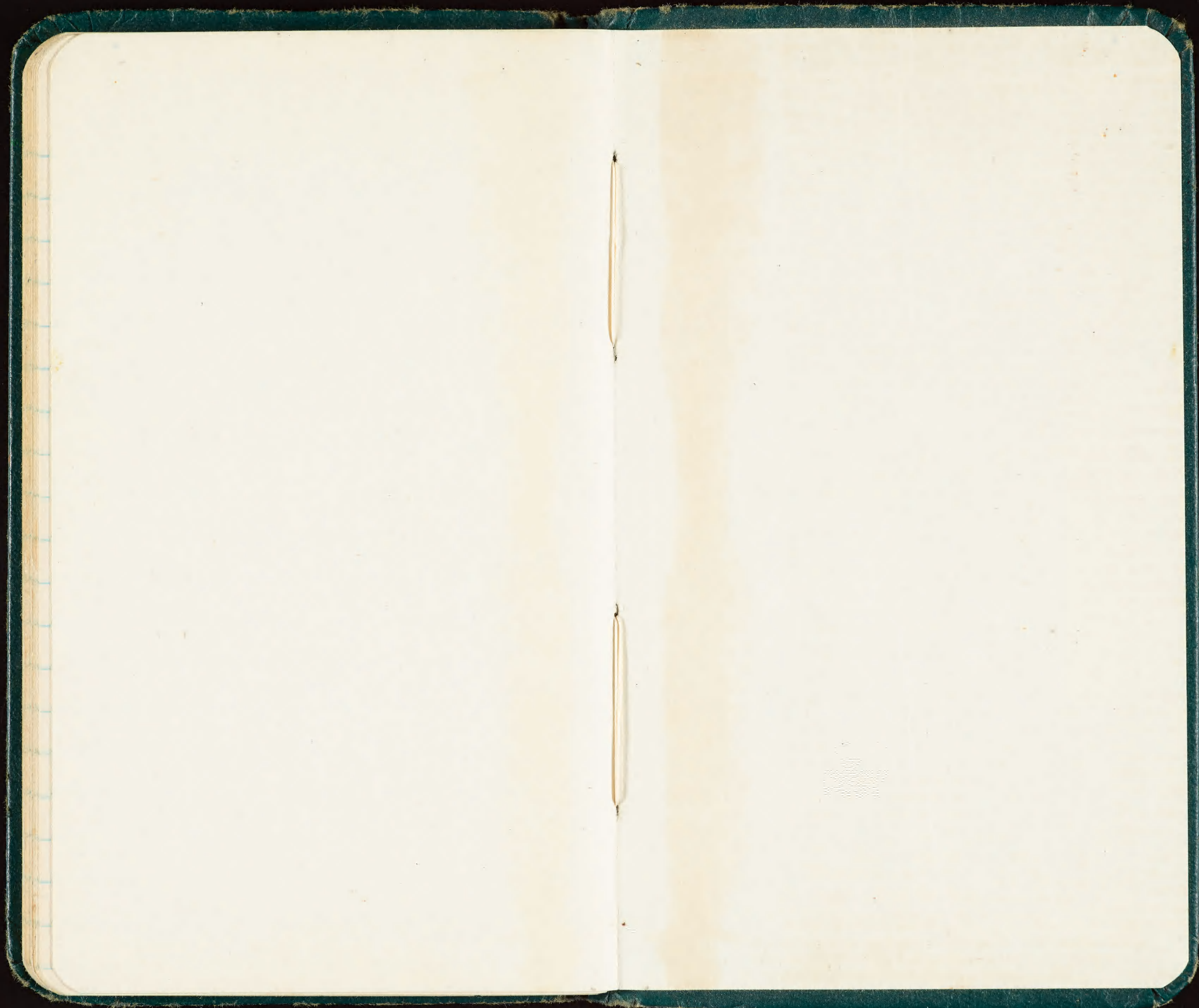
Laysan Control

24

1

200 RFB in air 1360







**7530-222-0078**  
**FEDERAL SUPPLY SERVICE**



KURE

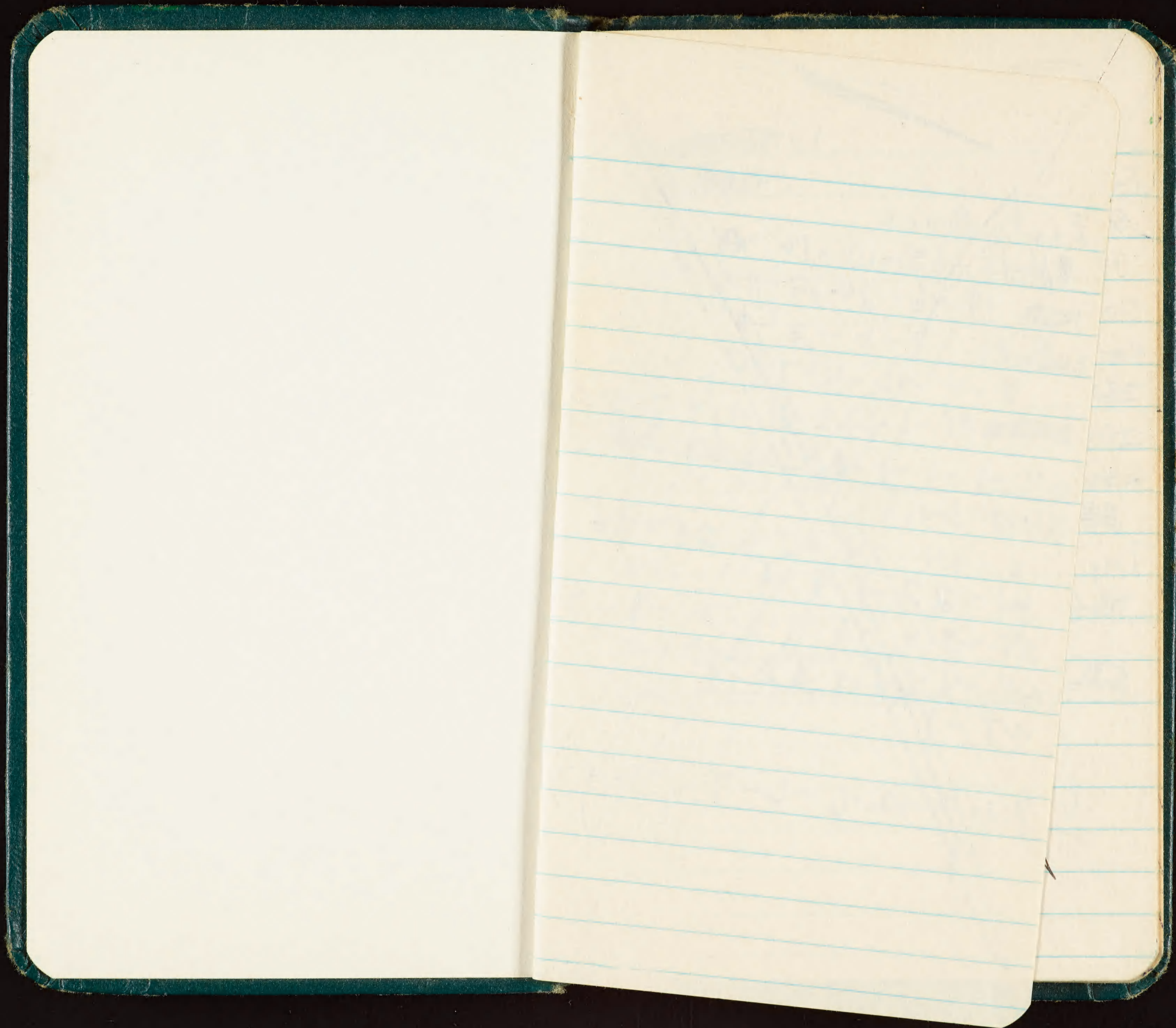
*Memoranda*



Kune

ADP  
CDH







East Beach

Nests - 15 - 10 - 16 - 0

Birds 19 - 16 - 24 - 14 - 11 - 6

Birds - 9 - 6 - 8 - 0

8 - 4 - 16 - 4 - 7 - 4

RT - 1 - 1 - 2 - 1 - 4 - 7 - 3 - 5

GP - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 3 - 2 - 5

West beach

8 - 24 - 24 - 23 - 24 - 26

21 - 22 - 1 - 1 - 1

RT - 4 - 4 - 5 - 1 - 1 - 5 - 1 - 5

GP - 4 - 1 - 1 - 1 - 3 - 1

WT - 1

Birds - 5 - 12 - 6 - 6 - 7 - 13 - 4 - 17

~~North Point~~

~~Nests~~

South point shorebirds

WT - 1 - 1 - 1

Can N - 1 - 3

GP 3 - 1

RT - 1 - 9

South point

Nests - 1

Birds

~~259~~ & Untagged Seal

~~256~~ & 2 untagged Seals



Seal 5

~~East Beach - K 14~~

~~214 Scaev Near K16~~

~~283+1 Near K16 in Scaevola~~

~~Un-tagged K17 Preg ♀~~

~~Un-tagged(2) K20 in Scaevola~~

~~385 - Bet K 26 & 27 in Scaev~~

~~200 Bet K30 & 31 in Scaevola~~

~~Shore birds West Beach~~

~~RT 2-2-3-2~~

~~Tiny Seal Bet K 34 & 35 in Scaev~~

~~300 at K35 in Scaevola~~

~~GP 1-2-1~~

North Beach

6 RT

1 Wand T

2 Sandeling

6 Nests

Central Roost

~~Nests~~

12-2-6-1-2

Birds

7-1-2-1

GP-2-2-1-1

RT-3-4



33 BB N.P.

14 40

219

368

242

354

366

347

271

349

359

227

353

353

346

+170 NP

308 K 13-14 Sca

263 " "

343 14-15 Sca

358

260 K18-19 Sca

208 K17 Sca

282 17-18 Sca

200 17-18 Beach

298

324 1500 K22-23  
Beach



17

1 R  
3 G  
4 In 11  
5 In 11  
6 In 11  
9 R  
11 R  
16 R  
21 G  
23 G  
24 G  
25 R  
14 G

17

278

29

306

Sk Road

361

BF Area



18 Jan

6 Destroyed

5 Un

14 G

1 R

4 Un

3 G

16 G

21 G

23 G

9 B

11 R

24 G

25 G

~~306 } K 29~~

~~361 }~~

~~225 } K 36 B~~

~~356 }~~



19 Jan

1 G	67
3 Chitt G	67
4 alm	alm
5 glm	unt
6 —	unt
9 R	64
11 G	64
14 G	alm
21 G	61
23 G	alm
24 G	60
25 G	61
16 G	

~~293+1 46 Sea~~

~~274 45 Sea~~

~~Seals NNNNN~~

~~345 }  
200 } +6 K35  
306 }  
329 }  
276 }  
283 }~~

~~283 Has cut on flyper  
Left~~

~~314+1 K<sup>35</sup> Road~~



19 Jan

247 ~~35-34~~  
~~32-33~~ Scare  
(1735)

364+1 ~~33-34~~  
~~31-32~~ Scare

242- 32-33  
Scare

291- 32-33 Beach  
(1740)

231 31-32 Scare  
366

279 ~~29-30~~  
~~31~~ Scare

210 K 24-25 Scare

19 Jan

230 19-20 Scare

347 15-16 Scare  
(1810)

278 - 15-16 Scare

287 Beach 15-16

328+1 13-14 Scare

218 } 13-14 Scare  
263 }

282 K 12-13 Scare

333 - 12-13 Scare Clump



19 Jan

348  
289  
353  
366

} +8 NP

20

Berleze Samples  
4-37-36



20 Jan

1 Chick G

3 G

48 G

58 Alms

68

9 R

11 G

14 G

16 G

21 G

23 G

24 G

25 G

68

345

(1730)

W/I 45-46 Beach

200 } K 35' Sca

306

65

65

285 + 2 in Sca

2 on Beach + 35-36

226 - K 23 - on beach

Back seems paralyzed  
lost weight - 50-100

lbs.

BTP 95

125 - 8

14

125 - 8

15.

168 - 11

Swims fairly well



20 Jan

~~16-17 W T~~

~~TP 205- 1/60-8-~~

Green Imm Frig Dead

RR Red RFB N/R

~~358 14-15 S200~~

21 Jan

1 G

3 G

4 G

5 Wm

6

9 R R

11 G

14 G

16 G

21 G

23 G

24 G

25 G



21 Jan

✓ADP

Barnin Banding

793-21031 ✓

773-18520 ✓

773-18325 ✓

773-18418 ✓

773 18041 ✓

21 Jan

597-27011 Laysan

Blue on Right



22 Jan

1 G	white	70
3 G	white	un
4 G	Dank	un
5 un	white	un
6	—	67
9 R	white	67
11	Pipped G	un
14	G white	un
16	G white	un
21 G	white	64
23 G	white	un
24 G	white	63
25 G	white	64

22 Jan

226 seal

Picture #18 + P 95

L 8 set at 11 for adj

1/60 - 7ft

19 Frig Poach

12 5-8 - 25ft

20 RFB

12 5-8 56ft

~~249~~ K14 Sca

~~283~~ K13-14

Picture 22-23 w Ruddy T  
TP 205 1/60 - 11

Light read 8 on white  
Sand. Adjusted



22 Jan

4 Adult ~~28~~ imm  
Brown Boobies @ N.P.

275

357

359

256

254

366

1800

+ 8 NP

24-25-26-27 Montrey

1/30 - 10ft. 1.8

23 Jan  
West Beech

Laysan Nests. 49-51-37

Black F. Nests - 12-13-15-31  
22-3

Black F Birds 3-15-7-15-2  
7

Black f chicks

Laysan chicks

GP - 1-2

RT - 1-1-3

Glaucous - 1-1

Laysan des. 3-1-1-1-1

Black des - 2-5



23 Jan  
East Beach

Laysan B - 28

Black FB - ~~3~~ 3 - 2 - 23 - 7 - ~~2~~

BF Chicks - 1 - 1

RT - 6 - 2 - 2 - 6

GP - 1 - 1 - 1 - 1 - 1

WT - 2

BF Nest 14 - 5 - 6 - ~~7~~

~~2~~

Laysan des 2

23 Jan  
North Point

BF Birds 10 - ~~10~~ 13

BF Nests - ~~1~~ 1 - 2

BF des 1

RT - 1

GP - 2



23 Jan  
South Point

RT-1-2

Glaucous W- 2

BF Birds 18

Nests BF 2

GP - 2

23 Jan  
Seals

Total = ~~NU~~ 11

249 K 14-15 Seal

226- K 23 Beach

258 K 25-6 Seal

231- K 30 Seal

360 K 37-2 Seal



23 Jan  
Central R

Laysan

23-12-7-3

WT

1

GP

1-1-1-1

RT

1-1

23 Jan



23 Jan

~~Green PFB Windsack~~

~~20 Seals Sand Is~~

~~3 Sander ling~~

~~642 00520 GP~~

~~793 20783~~

23 Jan

4 um

14 G

5 um

1 R

16 G

3 R

21 G

23 G

9 R

11 G Chick

24 G

25 G



24 Jan

667

35571

Blue on R Laysal

275

366

357

359

298

284

259

15 NP

358

K13-14 ~~see~~

Beach. 15 40

263

K13-4

scare

230

scare

17-18

24 Jan

4 am

5 am

14/6

7 - Bath

Red push

ing G off

16 G

3 R

23 R

23 G

9 R

egg

24 R

25 G

11 R



24 Jan

Black-foot Change over

Blackfoot 24 Jan

597 84033 w- BPB

~~Black~~

597 27091 - BPB Dark

737 41355 Dark - BPB

737 94572 Dark - BPB

597 84127 Dark BPB

737 45741 light BPB

Dead  
Green

697-90005 Dark BPB

737 94813 Dark BPD

737 94851 light BPB

737 45580 Dark BPB

737 92602 Dark BPD

737 92604 Dark BPD

737 92429 Dark BPD

697-90012 light BPB

737-92605 light BPB

737-92606 Dark BPD

737 90846 Dark BPB

597 84078 light BPB

737 95742 BPB



Blackfoot

24 Jan

Wlw

~~737 92607~~ Dark BPD

~~737 45528~~ light BPD

~~737 93909~~ Dark BPD

~~737 94833~~ light BPD

~~517 84087~~ light BPD

Blue Rt.

~~737 91603~~ light BPD

~~737 94831~~ Dark BPD

~~647 39076~~ Dark BPD

~~647 90026~~ D BPD

~~737 47125~~ L BPD

~~737 94576~~ D BPD

~~737 43715~~ L BPD

~~737 90990~~ D BPD

~~737 92608~~ D BPD

~~737 92609~~ D BPD

~~737 98012~~ D BPD

~~647 90095~~ D BPD

~~737 94578~~ D BPD

~~737 93204~~ L BPD



Blackfoot GH green head

24 Jan

<del>737 926 10</del>	<del>D</del>	<del>BPD</del>	
<del>737 455 40</del>	<del>L</del>	<del>BFB</del>	
<del>647 900 29</del>	<del>L</del>	<del>BPB 1/2</del>	
<del>737 926 11</del>	<del>D</del>	<del>BPD</del>	
<del>647 901 29</del>	<del>D</del>	<del>BFB</del>	GH
<del>597 528 33</del>	<del>D</del>	<del>BPD</del>	
<del>647 901 29</del>	<del>D</del>	<del>BFB</del>	GH
<del>737 926 10</del>	<del>D</del>	<del>BPD</del>	
<del>737 916 91</del>	<del>D</del>	<del>BFB 1/2</del>	
<del>597 840 91</del>	<del>L</del>	<del>BFB</del>	
<del>737 911 65</del>	<del>D</del>	<del>BPD</del>	GH
<del>737 945 93</del>	<del>D</del>	<del>BFB</del>	
<del>737 316 14</del>	<del>D</del>	<del>BPD 1/2</del>	
<del>647 910 54</del>	<del>D</del>	<del>BPD</del>	
<del>597 832 37</del>	<del>L</del>	<del>BPD</del>	
<del>597 841 47</del>	<del>L</del>	<del>BPD</del>	GH
<del>737 455 07</del>	<del>L</del>	<del>BPD</del>	
<del>737 457 08</del>	<del>L</del>	<del>BPD</del>	GH
<del>597 841 55</del>	<del>L</del>	<del>BPD</del>	Blue



# Blackfoot

24 Jan

<del>737</del> 45241	L	RPB	† Down
<del>737</del> 45702	L	RPB	GH
<del>737</del> 45567	D	RPB	
<del>697</del> 90052	D	RPB	
<del>737</del> 45583	D	RPB	
<del>737</del> 45143	L	RPB 1/2	GH
<del>737</del> 32461	D	RPB	
<del>737</del> 45581	D	RPB	Study
<del>737</del> 90961	D	RPB 1/2	
<del>737</del> 47176	L	RPB 1/2	
<del>737</del> 45476	L	RPB 1/2 + D	
<del>697</del> 22960	L	RPB 1/2 + D	
<del>597</del> 84134	L	RPB 1/2 + D	GH
<del>737</del> 94827	L	RPB 1/2	
<del>737</del> 94586	D	RPB 1/2	
<del>737</del> 45271	L	RPB	
<del>737</del> 90952	D	RPB	GH
<del>697</del> 90126	L	RPB	



25 Jan

4 Pipped alm

5 alm

14 G

1 G

3 G

16 G

21 R Chick

23 G

9 R

11 R

21 R

25 G

25 Jan

X No clipp

A Right ear punch

B Left ear punch

S Both ears punched

C Right ear punched  
clipped

1

3 G W G

1 G G



Slight Rain Before Setting  
traps.

25 Jan

Red Marked Birds ~~||||~~  
1 Yellow

~~667 35087 BP $\frac{1}{2}$ (L) GH Blue Rt~~

~~597 84119 BPB L Blue Rt~~

~~737 93797 BPD D~~

~~737 47303 BPD L GH~~

~~597 84085 BPD L~~

~~597 84071 BPD D GH~~

✓ ~~737 92612 BPD D~~

~~697 90114 BPD L GH~~

✓ ~~737 92613 BPD D~~

✓ ~~737 92614 BPD D~~

~~597 84088 BPD L GH~~

~~737 90160 BPD D Study~~

✓ ~~737 92615 BPD D~~

~~737 94982 BPD D~~

~~597 72801 BPD D~~

✓ ~~737 92616 BPD D~~

✓ ~~737 92617 BPD D~~



Reel 11

✓

737 92618

BPD D

✓

~~669 39073~~

~~BPD D~~

737 92619

BPL D

~~737 92767~~

~~BPD D~~

~~597 84098~~

~~BPB D~~

~~197 90043~~

~~BPD D~~

~~737 45759~~

~~BPL D~~

✓

737 92620

BPD D

137 115210

BPB+D D

137 45751

BPB L

137 45238

BPB L

~~737 94811~~

~~BPL D~~

~~737 45573~~

~~BPL D~~

✓

737 92621

BPD D

137 45585

BPB L

~~597 27088~~

~~BPD D~~

~~137 45504~~

~~BPD D~~

~~137 22970~~

~~BPB+D D~~



AB

total ~~1111~~

144 124  
119  
25

167  
112  
119

South East Beach

737 92622 BPD D

737 45766 BPD D

737 45753 BPD D

737 92623 BPD D

737 32523 BPD D

737 84169 BPD L

South East  
GH

737 93727 BPD D

737 92624 BPD D

737 45477 BPD L

737 22973 BPD D

737 91747 BPD L

737 94773 BPD D

527 00153 BPD L

697 90130 BPD L



26

3 G  
16 G  
21 R  
23 R  
9 R Chick  
11 R  
24 R Chick  
25 G Chick  
4 R Chick Rotten Maggots

5 Un

14 G

1 R

~~26~~ 27

5 Un G  
14 G  
1 R  
16 G Chick  
3 R  
21 R Chick  
23 R  
9 R Chick  
11 G  
24 R Chick  
25 G R Chick



28 Jan

5 G

14 G

16 R

Chick

R Chick

R Chick

11

G

24

R

C.

25

R

Chick

28 Jan

226 K24.

Fatter than last  
time Beach

259 K 16-17,

3123 K 115-16  
2303++

300

♀ Fry on Nest

298+1 NP.  
1900



29 Jan

3 G-W Gulls

1 Glaucous

22 6+1 h 23-4

One legged BF Alb  
Right Remains

29

1 G

14 G

5 G

3 R

16 R

21 G

23 R

9 R

24 R

11 R

25 R



29 Jan

Laysan Control  
23 One Chick

2.

one des by CG  
RR.

~~697-90269 F. Ret.~~

~~Laysan BB~~

NAF Laysan Co.

23.

2

NAF

Lay Nests 7-30-39-6-8

(90) ↓

GP - 3 - 1 - 1

RT - 1 - 3 - 5

Laysan des 20-6-1-1



SAF

Hayson Nests 27 - 13 - 8  
8

(56)

Black F Birds - 2

Blackf Des - 1 - 2

Curlew - 1

RT - 1 - 2

GP - 2 - 3 - 2

Des - 5 - 6 - 21 - 18 = (50)

Inj Hay - 3 - 1

Run way

Hay Nests 43 - 16 - 7 - 7  
23 - 7 - 26 - 18 = (151)

BF N - 4 - 7 - 2 - 1 - 6 - 1

BF Birds - 3 - 12 - 1 - 3

GP - 1 - 1 - 1 - 2 - 1

RT - 4 - 5



Stat Gr.

Laysan N. 73

Laysan Des 7

RT 11-1

GP 9-3

Laysan To hatching  
Un Hatched ~~4~~ <sup>5</sup> - 10 - 5

~~10~~ - 5 - 10 - 15 - 2 = 51

Hat - ~~1~~ - 1 - ~~2~~ - 2 - 3 - 5

NAF 46 - 2 chicks

SAF ~~10~~ <sup>17</sup> - 2 chicks

Runway 42 - 10

Orange Bird BFB in  
SEA



30 Jan

14 9th Child

5 G Pipped

1 G

16 G

21 G

3 R

23 R

9 R

11 R

24 R

25 R

30 Jan

11 - 5

753

753

33231

32635

697 - 22569

753 - 32556

793 21176



31 Jan

1 R  
14 m Chuds  
5 G  
3 R  
16 G  
21 R  
23 R  
9 R  
11 G  
24 G  
25 G

Yellow - 1  
Red - 1

31

737-93946 BPD 1/2 D  
737-93730 BPD D  
737-93914 BPD D  
737-92627 BPD D  
D 737-94579 BPB  
W 737-45240 BPB+D  
L 737-45480 BPB  
D 697-90103 BPB  
L 697-90105 BPD+D?  
D 737-944565-BPB  
D 737-94567 BPB+D  
L 737-45741 BPB (GH)  
L 737-45721 BPB (GH)  
L 697-90015 BPB+D  
L 597-84067 BPB+D (GH)  
D 737-94814 BPD  
D 737-92628 BPD  
D 697-22451 BPB (GH)



31

Red ~~MLI~~  
Green D - 1/11

P 737-94839 BPB  
 D 737-45561 BPB  
 L 737-45720 BPD+D (GH)  
 D 697-90022 BPD  
 D 737-94831 BPB+D Red  
 D (737 92624) BPB+D  
 L 737-45508 BPB+D  
 L 697-90035 BPB+D  
 D 737-90942 - BPD  
 D 697-27935 - BPD+D  
 1/2 D (737-92630) BP 1/2 D  
 D 737-45717 BPB  
~~737-92626~~  
 D 697-90115 BPB+D  
 D 587-58586 BPD  
 D 737-93794 BPD  
~~D 737-94558 BPB+D~~  
 D 737-93772 BPD

31 Jan

P 737-937-70 BPD  
 D (737-92631) BPB+D  
 D 737-45749 BPB+D (GH)  
 L 737-45712 BPB+D Yellow  
 D 737-35298 BPD  
 D (737 92632) BPD  
 D (737-92633) BPD  
 D (737-92634) BPD  
 D 737-98009 BPB+D  
 L 597-84143 Red Study  
 Blue on Right BPB+D  
 D (737-92635) BPD  
 D 597-84164 BPB (BPD)  
 D 597-84035 - BPB  
 Red Study  
 L 597-84124 BPB  
 L 697-22962 BPB+D  
 D 667-39009 BPD



31 Jan

D (737-92636) BPD  
 D (737-92637) BPD  
 D (737-92638) BPD  
 D (737-92639) BPD  
 D (737-92640) BPD  
~~D (737-92641) BPD~~  
 D 41 BPD  
 D 42 BPD  
 L 737-93769 BPD  
 D 43 BPD  
 1/2 D 44 1/2 BPD  
 D 45 BPD  
 D 597-84099 BPD  
 Blue on Right  
 L 697-22967 BPD  
 D 46 BPD  
~~D 737-93773 BPD~~

31 Jan Green II  
 SW beach

RFB Windsock

Sooty Tern

Yellow BPAIB BSE Beach

D 737-93773 BPD

~~737-45413~~

L 737-45148 BPD

L 737-45584 BPD

D (47) BPD

D 48

D 49 BPD

D 50 BPD

D 51 BPD

D 52 BPD

D 587-58778 BPD

Red on Right

D 737-45725 BPD

D 587-58842 BPD

2 Reds on Right

D (53) BPD



31 Jan

D	54	BPP
D	<del>55</del>	BPD
D	<del>56</del>	BPP
L	697-90061	BPB+D
D	697-22920	BPB+D (GH)
L	697-90134	BPB
D	737-95924	BPB+D (GH)

1 Feb

14	am	Ch
5	G	Chick
1	R	
3	R	
16	R	
21	R	
23	R	
9	R	
24	G	
11	G	
25	G	



Laysan 1-Feb

667-35306 BPTB

Blue on R.

697-90943 BPBTD

697-90935 BPP

737-98017 BPB

697-90929 BPB

737-47241 BPB

26

BPB

27

BPD

28

BBBTD

697-22852 BPB

737-98418 BPB

737-98825 BPB

697-22836 BPB

737-90671 BPB

737-98419 BPB

737-91187 BPB

1 Feb

Laysan 5

737-98826 BPB

737-98420 BPB



2 Feb

Seal 226 K 225

28 Seal w/ cut

D-5ft L 8 shaded

29 Seal w/ cut

D-5ft L 5.6 adj

cut is drying up  
around culst & one  
end appear about  
to come loose

34571 46-47+2

2 Feb

9 R

11 G

24 R

25 R 7 G

23 R

21 G

3 R

16 R

1 G

14 G Ch. t.

5 G Ch. t.



2 Feb.

737-92901

4 imm Frog  
3 RFB

3 Feb

Surveyed  
Data

Sewer line

Bonin egg inside an  
adult. Adult was eaten  
& egg laying on top  
of feathers.



Feb 3

14 G

5 G

1 G

3 R

16 G

21 G

23 G

9 R

~~1~~

11 R

~~9~~ 1

24 G

29 R

737-45509

Feb 4

14 G

5 G

1 G

3 G

16 G

21 R

23 G

9 R

24 G

11 G

25 R



4 Feb

Black feet 62

Laysan 29

---

5 Feb

14 Un

5 ~~9~~ G

1 R

16 G

3 G

2 1 R

2 3 R

9 R

11 G

2 ~~4~~ R

2 5 G



~~6 Feb~~

~~226 N.P.~~

~~667-35323 Blue  
on Right L4454h~~

~~215 - HiSeal K-15  
Scale~~

~~6 Feb~~

~~667 35327~~

~~Blue on R~~

~~737-47243~~

~~BPB~~

~~737-47249~~

~~BPB~~

~~697-90908~~

~~BPB~~

~~29~~

~~BPB~~

~~30~~

~~BPB~~

~~31~~

~~BPB~~

~~32~~

~~BPB~~

~~737-90120~~

~~BPB+D~~

~~667-35290~~

~~BPB+D~~

~~Blue on Right~~

~~697 90863~~

~~BPB+D~~

~~737-91696~~

~~BPB+D~~

~~B3~~

~~BPB+D~~

~~737-94752~~

~~BPB~~

~~667-35359~~

~~BPB+D~~

~~Blue on Right~~

~~737-90135~~



Laysan

737-45825 BPB

667-35350 BPD

Blue on T

737-92138 BPD

697-22535 BPB

697-90699

34 BPD

737-90202 BPB+D

737-93602 BPB

737-94961 BPB

92908

Ad ♀ Frig

09

Ad RFB

10

Imm Frig

11

Ad RFB

11

Imm Frig

12

Ad RFB

13

Imm Frig

14

Imm Frig

15

Ad RFB

16

11 11

17

11 11

Return

737

91592 Ad RFB



SW Beach  
Black foot

737 93001

~~737 92735~~

BPD

737-47263 chick BPD

737-92144 BPD

36

BPD

37

BPD

38

1/2 D

737-94229

BPD

737-93870

B+D

737-92326

D

667-35440

C

B+D

697-22002

B+D

737-90606

C

B

697-22105

C

B+D

SW Beach  
6 Feb

Laysans 3-3-10-9  
Nests

737-90536

B+D

697-90306

C

B

39

B+D

697-90307

D

40

D

41

B

737-47297

B+D

737-90533

B+D

697-90316

B+D

42

D

737-93876

C

B+D

737-47298

B

~~4344~~

~~B+D~~

44

B+D

737-93584

C

B+D



6 Feb

# Central Roost

L4437M

2 - 2 - 5

GP-1

L44

597-46298

Yellow R.

431 B+D

737-93878 e B+D

737-92393 D

587-71293 D

45 B

697-90334 e B+D

737-91393 e B+D

737-90546 e B

737-92146 B

737-47277 B

737-90547 e B+D

737-47281 e B

6 Feb

737-91392 } B+D

737-90548 } B+D

697-90326 (GH) e B+D

46

737-94860 e D B+D

~~667~~

667-35457 e B+D

47 e B+D

48 D

667-35462 B+D

667-39078 D

697-90348 e B+D

737-93880 e B+D

697-22037 e B+D

~~667-35449~~ 49 e B+D

667-35455 e B

50

737-92149 e B

~~667~~



~~737-93882~~

~~737-45649~~

~~737-45849~~

~~(6) C B~~  
~~C B~~

W Beach

Lays on Nests - 34

BF Nod 2 - 4 - 4 - 8

BF Birds 8 - 5 - 2 - ~~10~~ - 3

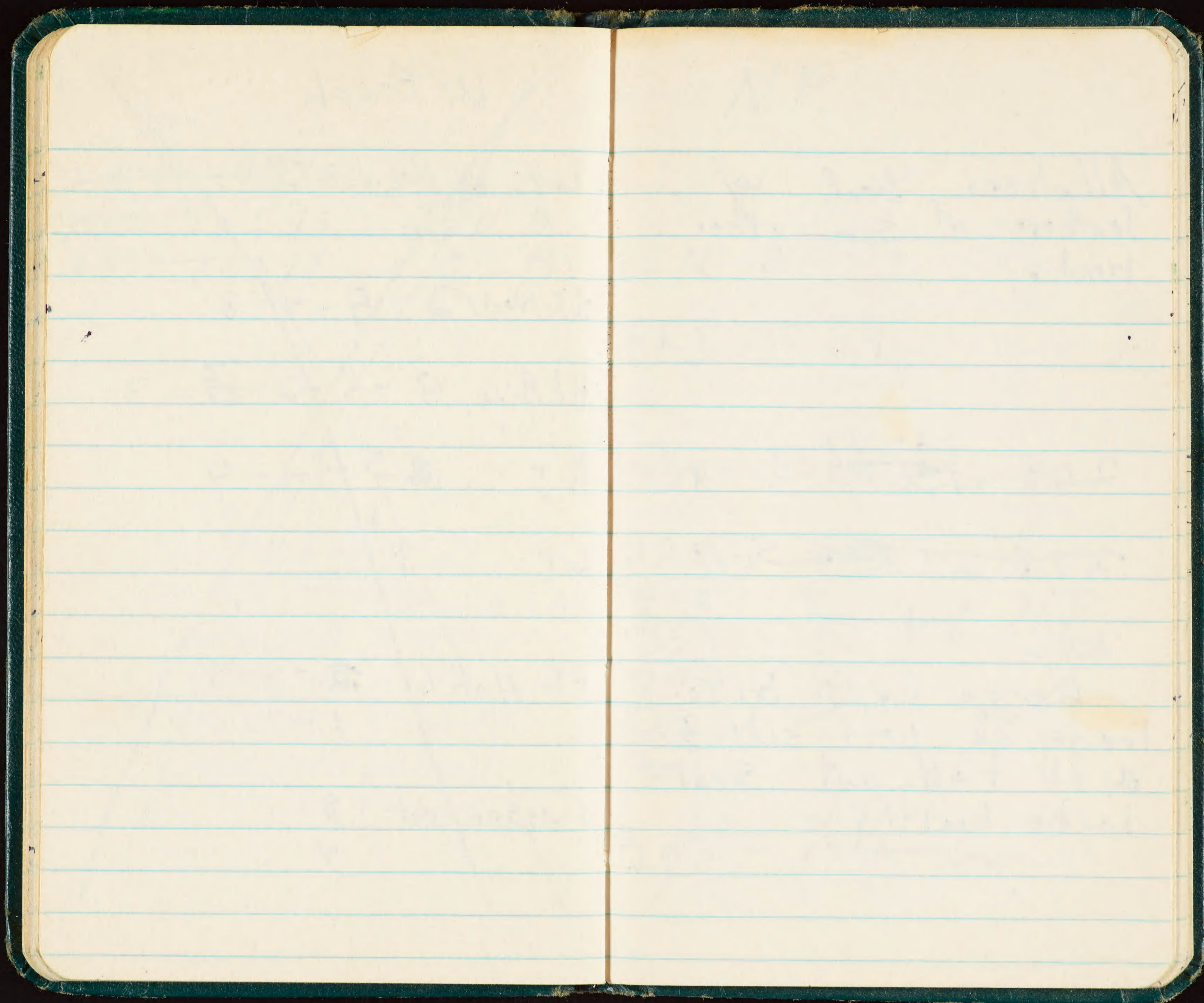
RT 5 - 1 - 1 - 4

GP 1

BF Hatch 2 - 4 - 3  
1 - 1

Laysan Hat 8  
4







Albatross barf w/  
feathers of some other  
bird.

208 ~~16-17~~  
~~14-15~~ - Scag

278 - 17-18 Scag

226

Large hunk barf  
large at left side &  
will fall out. Seal  
looks healthy

N.P.

BF 11 2

BF B - 12 - 4

~~358 - 14-15 Scag~~

227

259

353

298

225

~~208~~

+ 8 NP

~~13-14~~  
283 - ~~13-14~~ Scag



6 Feb  
East Beach

Laysan - 9

BFB N - 3-9-2-4

BFB - 1-4-1-2-26

Sand - 1

RT - 3-1-1

GP - 1-1

Lay Hat - 3-3-2

-1

Hat 2 BFB 1-3-1-9-22

1 - 1

Laysan

737 47458

BFB

737 94996

BT

737 47451

B

737 47408

BT ~~BT~~

737 46028

B

737 94504

D

697 90536

B+OC

697 90538

B

737 46020

B OC

737 47457

B+OC

697 90547

B+OC

737 46029

BT

737 91080

B+OC

737 94883

B+OC

737 47420

BT

737 46017

BT

697 22088

BT

737 46009

D

737 46009

BT



2-6-65

Lamp Seams

697	22073	B
737	46012	B
737	90479	B
737	90480	B+
737	46018	B+
697	90553	B+
737	91155	B
737	91088	B
737	94605	B+
697	90727	B+
697	22192	B+
737	91154	B+
697	22211	B+
697	22215	B+
697	22206	B+
697	22217	B
697	90518	B+
697	22205	B+
597	51106	B+

737	45907	B
697	90515	B+
697	22218	B OC
737	47365	B+ OC
697	90562	B+ OC
(53)		
697	90586	B+
697	90487	B+
737	47437	B+ OC
737	45552	B+ OC
737	45890	B+
697	22312	B+
(54)		
697	22314	B+
737	90515	B+



6 Feb

14 Th

5 Th

1 R

3 R

16 R

23 R egg

21 R

9 R 737-47175

24 R

11- R

25 G

146  
499  
645

6 Feb

55

737-47215

737-47302

56

57

733-90976

58

697-24563

737-91331

- 47130

- 90970

- 92382

- 94815

5

B

B+D

B+D

D

D

B+

B+

D

B

B+

B+

B

B



7 Feb

Laysans

~~737-92673~~

B

~~-47392~~

D

~~-47385~~

C

B

~~697-90522~~

C

B

~~737-91093~~

B+

(59)

(60)

~~697-22200~~

D

D

D

~~737-47363~~

B+

(61)

D

~~697-90489~~

B+

~~-22301~~

B+

~~737-91306~~ chert

~~737-53532~~

"

B+

~~737-45554~~

"

B+

~~697-22305~~

C

B

~~737-91318~~

B+

~~737-91320~~

D

~~697-79547~~

C

B+

~~737-90499~~

C

B+

~~737-94618~~

C

B+

~~-92212~~

C

B

~~-45903~~

C

B+

~~-91315~~

C

B+

~~697-22229~~

W

B+

~~737-47370~~

I

B+

~~-91311~~

C

B+

~~-45911~~

C

B+

~~587-36100~~

W

D

~~737-91313~~

W

B+

~~-98050~~

W

D

~~-45920~~

W

B+

(62)

W

B

~~697-39294~~

W

B+

~~737-91316~~

W

B+

~~-90497~~

W

D



7 Feb ← Laysan →

~~737-45641 W B<sup>+</sup>~~  
~~(63) W B~~  
~~737-92222 W B~~  
~~(64) W~~  
~~597-38313 (nd. left) C B<sup>+</sup>~~  
~~(65) W D~~  
~~(66) W D~~  
~~W D~~  
~~737-93654~~  
~~737-72347 (yellow on head) W-D~~  
~~-94765 W D~~  
~~-94624 W B<sup>+</sup>~~  
~~(67) W B<sup>+</sup>~~  
~~(68) W B~~  
~~697-90479 C B<sup>+</sup>~~  
~~737-45924 C B<sup>+</sup>~~  
~~(69) C~~  
~~737-45923 W D~~  
~~697-90475 very C B<sup>+</sup>~~  
~~697-22237 C B~~

~~737-47347 C B~~  
~~697-22319 C B~~  
~~737-47473 C B<sup>+</sup>~~  
~~697-22238 C B<sup>+</sup>~~  
~~(1) 90474 W B<sup>+</sup>~~  
~~737-90879 W B<sup>+</sup>~~  
~~697-22320 W B~~  
~~1 -90476 W D~~  
~~(70) W B~~  
~~697-90382 W B~~  
~~737-90882 C B~~  
~~1 -92359 W D~~  
~~(71) W B<sup>+</sup>~~  
~~697-90470 C B<sup>+</sup>~~  
~~(72) W D~~  
~~697-90469 C B<sup>+</sup>~~  
~~737-47470 W D~~  
~~(73) W D~~  
~~737-92238 W D~~  
~~1 47339 C B<sup>+</sup>~~



17 Feb

(74)

w D/L/H

~~697-22327~~

~~1-90383~~

~~737-47329~~

-

~~737-92363~~

~~1-45857~~

~~1-93561~~

~~697-90381~~

~~697-22125~~

~~1-90380~~

~~737-47334~~

~~1-90892~~

(75)

w B

C B

C B+

w D

w B+

w B+

C B+

C B+

C B+

(76)

w D

C B+

C B+

w B+

(77)

C B

C B

(78)

w D

SANS

~~737-98051~~

w D

~~1-94552~~

w D

(79)

w D

~~737-47489~~

C B+

(80)

C B+

(81)

w B+

(82)

w B+

~~737-90929~~

C B+

~~697-90462~~

C B+

~~1-22333~~

C B+

~~737-94742~~

w B+

(83)

w B+

(84)

w B+

~~737-45934~~

C B+

~~1-91299~~

w D

~~1-90937~~

w B+

~~697-90458~~

C B+

(85)

w B+

(86)

w D

(87)

w D



← Laysan

~~737-45938~~

W B+

(88)

W B

~~667-39739~~

C B+

~~697-90455~~

C B+

~~737-45645~~

C B

~~1-47121~~

C B+

~~1-92155~~

W D

~~697-22338~~

C B+

(89)

C B+

~~697-22048~~

C B+

~~1-22047~~

C B+

~~737-93517~~

C B

~~697-22158~~

C B+

~~737-45562~~

C B

~~1-90980~~

C B

(90)

C B

~~697-22180~~

W B

(91)

W B

~~737-90982~~

C B

~~1-90983~~

C B+

Feb 7 →

~~697-90441~~

C B+

(92)

W B

~~697-22150~~

C B+

~~1-22043~~

C B+

~~737-45862~~

C B

~~1-93510~~

C B+

(27)

8.04

25

27

25

18

10

23

27

4

159



7 Feb

14 - G  
 5 Un  
 1 Un attended  
 1/6 R  
 3 Unattended  
 21 G  
 23 R  
 11 R  
 24 G  
 25 R

2  
 43  
 75  
 69  
 14  
 201

7  
 7

Black Feet 7 Feb

2 Red, at	587-58352	Dark B+
737-45145	C	Dark B+
1-90944	C	Dark B+
697-90116	C	Light B+
697-90026	C	Dark B+
1-90025	C	1/2 Light B+
737-45146	C	Light B+
1-94837	C	Dark B



7 Feb  
Laysan

737-93692

B+

-93685

B

-94603

B+

-46035

B

-91487

B

-90751

B+

-91206

B+

-94526

B

-93699

1/2 D

697-22487

B+

737-94524

B+

-91214

D

-94545

B+

94233

B+

737-93101

D

737-45776

B

-91218

B+

2

B+

3

D

737-94281

B+

4

B

5

D

697-22497 Chick B

6

D

7

1/2 D

737-47050

1/2 D

-91899

B+

697-22440

B+

737-47039

B+

-91044

B

8

D

667-39751

B

737-47046

B+

697-22494

B+

9

B+

10

D

11

D

12

B+



7 Feb

~~667-43928~~  
~~697-06868~~

13  
14  
15  
16

D  
D  
D  
D

~~697-22513~~  
~~737-91906~~  
~~-45773~~  
~~-91949~~

17  
18  
19

B  
Bt  
Bt  
Bt  
B  
B  
B

~~737-47382~~  
~~697-22520~~  
~~737-47090~~

20  
21

$\frac{1}{2}$ D  
D  
 $\frac{1}{2}$ D

~~737-94952~~

7 Feb

~~737 98205~~

(22)

~~597 46506~~

(23)

~~697 22701~~

~~737 92017~~

~~597 51703~~

~~667 39759~~

~~697 22670~~

~~737 91943~~

~~737 94541~~

~~737 45796~~

~~697 22708~~

~~667 39760~~

~~667 39765~~

~~737 93825~~

(24)

~~587 65978~~

~~737 90774~~

D  
B  
D  
B  
B  
D  
D

B  
B  
Bt  
B

B  
B

Bt

Bt

Bt

$\frac{1}{2}$ D

yellow Bt  
B



7 Feb.

737 91942

(25)

737 91536

(26)

737 47084

737 90761

737 47085

737 98281

(27)

(28)

697 22499

~~29~~ (30)

737 91490

737 91211

737 98276

737 91525

737 47054

(31)

(32)

737 94266

B+

D

B+

B+

B+

B+

B+

D

B

B

B+

B

B+

D

D

$\frac{1}{2}$  D

B

D

B+

B+

D

737 91037

\* (33)

Brown Booby

737-47022

34

35

36

667-39484

37

737-91038

38

39

697-22640

737-93567

737-46058

98213

91871

40

41

$\frac{1}{2}$  D

B

B+

D

D

D

D

B+

D

D

D

D

B+

D

B+

B+

B+

$\frac{1}{2}$  D



8 Feb

~~697-2263881~~

~~737-90009~~

~~-90236~~

~~-45802~~

42

~~-91420~~

~~537-92300~~

~~-94913~~

201

140

645

986

100

766

51

251

246

497

27

26

25

27

23

25

16

26

23

24

253

246

499

140

133

19

7

133

140

B+

B+

B+

B

B+

B+

egg B+

B+

D

SWBeo 9 Feb

Laurel

~~697-90303~~

@ B+

~~737-90603~~

W B+

~~737-47285~~

W B+

~~697-90305~~

@ B+

~~737-90608~~

@ +B

~~-47286~~

W B+

~~-47287~~

@ B+

~~697-90324~~

W B

~~667-35453~~

@ B+

~~667-35452~~

@ B

~~737-94861~~

@ B+

~~667-35458~~

@ B+

~~737-94856~~

@ B+

~~-41384~~

@ B

~~-415841~~

< B+

~~667-35460~~

@ B+

~~697-22109~~

@ B

~~737-91381~~

@ B+

~~-45844~~

@ B+



# Blackfoot

~~737-45536~~ C L B+  
~~-45558~~ C D B+  
~~794583~~ W L B  
~~597-84046~~ C L B  
~~737-45531~~ C L B+  
~~-45258~~ C L B+  
~~597-84066~~ Blue R. C B+B  
~~597-84054~~ C B B+  
~~737-45521~~ W L B  
~~-45744~~ C D B+  
~~737-45561~~ W D B+  
~~737-96747~~ C B+

5  
 19  
 11 4

# Laysan

~~697-90351~~ C B+  
~~737-45842~~ C B+  
~~76~~ W B+  
~~72~~ W B+  
~~697-90353~~ C B+  
~~737-45838~~ W B+  
~~697-90359~~ W B+  
~~667-35463~~ C B+  
~~73~~ C B+  
~~697-90362~~ C B+  
~~74~~ W B+  
~~737-47317~~ C B+  
~~1-93885~~ C B+  
~~-47319~~ C B+  
~~-90906~~ C B+  
~~697-24572~~ C B+  
~~697-90371~~ C B+  
~~737-90909~~ C B+  
~~75~~ C B+



Laysans 9 Feb

<del>697-90374</del>	⊙	3+
<del>76</del>	W	B+
<del>737-92388</del>	R	B+
<del>77</del>	W	B+
<del>697-90365</del>	W	B+
<del>78</del>	⊙	B
<del>697-22131</del>	⊙	B
<del>697-22144</del>	W	B
<del>737-90894</del>	W	
<del>79</del>	⊙	⊙
<del>80</del>	⊙	B
<del>697-90412</del>	⊙	B+
<del>697-90413</del>	⊙	B
<del>697-22022</del>	⊙	B+
<del>81</del>	⊙	B+
<del>82</del>	⊙	B+
<del>737-90911</del>	⊙	B+
<del>737-44844</del>	Broken egg	

Laysan

<del>697-22017</del>	⊙	B+
<del>83</del>	⊙	B+
<del>84</del>	⊙	B+
<del>85</del>	W	B+
<del>737-98044</del>	W	
<del>737-94846</del>	W	B+
<del>86</del>	⊙	B+
<del>87</del>	⊙	B+
<del>737-91357</del>	⊙	B+
<del>697-22019</del>	⊙	B+
<del>697-22035</del>	⊙	B+
<del>737-91353</del>	⊙	B+
<del>88</del>	W	D
<del>697-90424</del>	W	B+
<del>737-91349</del>	⊙	B+
<del>697-22266</del>	W	B+
<del>89</del>	⊙	B+
<del>90</del>	⊙	B+
<del>737-45522</del>	⊙	



Laysan 9 Feb

Laysan 9 Feb

737-90936	91	C	Bt
	92	W	Bt
	93	C	Bt
697-90429	94	W	Bt
	95	C	Bt
	96	C	1/2 Bt
	97	Be	Bt
697-90432		C	Bt
737-45861		C	Bt
697-904133		C	Bt
737-90997		C	Bt
	98	C	Bt
697-22147		C	Bt
737-94843		C	Bt
	99	W	D
697-90435		C	Bt
737-47117		C	Bt

737-94842	208	C	Bt
737-92143		W	Bt

737-93301

697-22198		W	Bt
697-94518		W	Bt
737-90481		C	B
597-46214 Yellow R		C	Bt
697-22209		C	Bt
		W	D
737-95000		C	
737-47373		C	Bt
737-45639		C	B
697-90520		C	B
737-90492		C	B



Laysan 9 Feb

~~647-91095~~

c B+

~~737-91769~~

c B+

~~697-90566~~

c B+

~~3~~

W ~~DD~~

~~737-94698~~

c B+

~~4~~

c B+

~~697-22363~~

c B+

~~737-94622~~

c B+

~~737-91303~~

c B+

~~697-22316~~

c B+

~~737-47386~~

W B+

~~5~~

W ~~DD~~

~~737 45886~~

W B+

~~587-65272~~

W ~~1/2b~~

~~737-47358~~

c B+

~~6~~

c B

~~737 42255~~

W D

~~697-22353~~

c ~~B+~~

~~737-91246~~

c B+

Laysan 9 Feb

7

W D

~~667-39665~~

W B



~~33-34-35~~ Blackfoot  
Chick 5.6 5ft

~~132 48~~

132 B.F. Ch. 2ft  
4 5ft

3-4 Laysan Chick  
5.6 5ft

~~Notes~~  
Paint - M1

99 W D  
~~737-91743~~ W B+

6468 C B  
~~-90062~~ W D

697-90760 W 1/2 D

6568 W 1/2 D

697-90764 W B+

667-39681 W 1/2 D

~~737-91741~~ C B+

697-22423 C B+

~~697-22372~~ W B+

697-90765 C B+

~~60766~~ W D

697-90600 C B+

697-22386 C B+

90771 C B+

~~737-94780~~ C B+

~~45978~~ W D

667-35214 Albert W B+



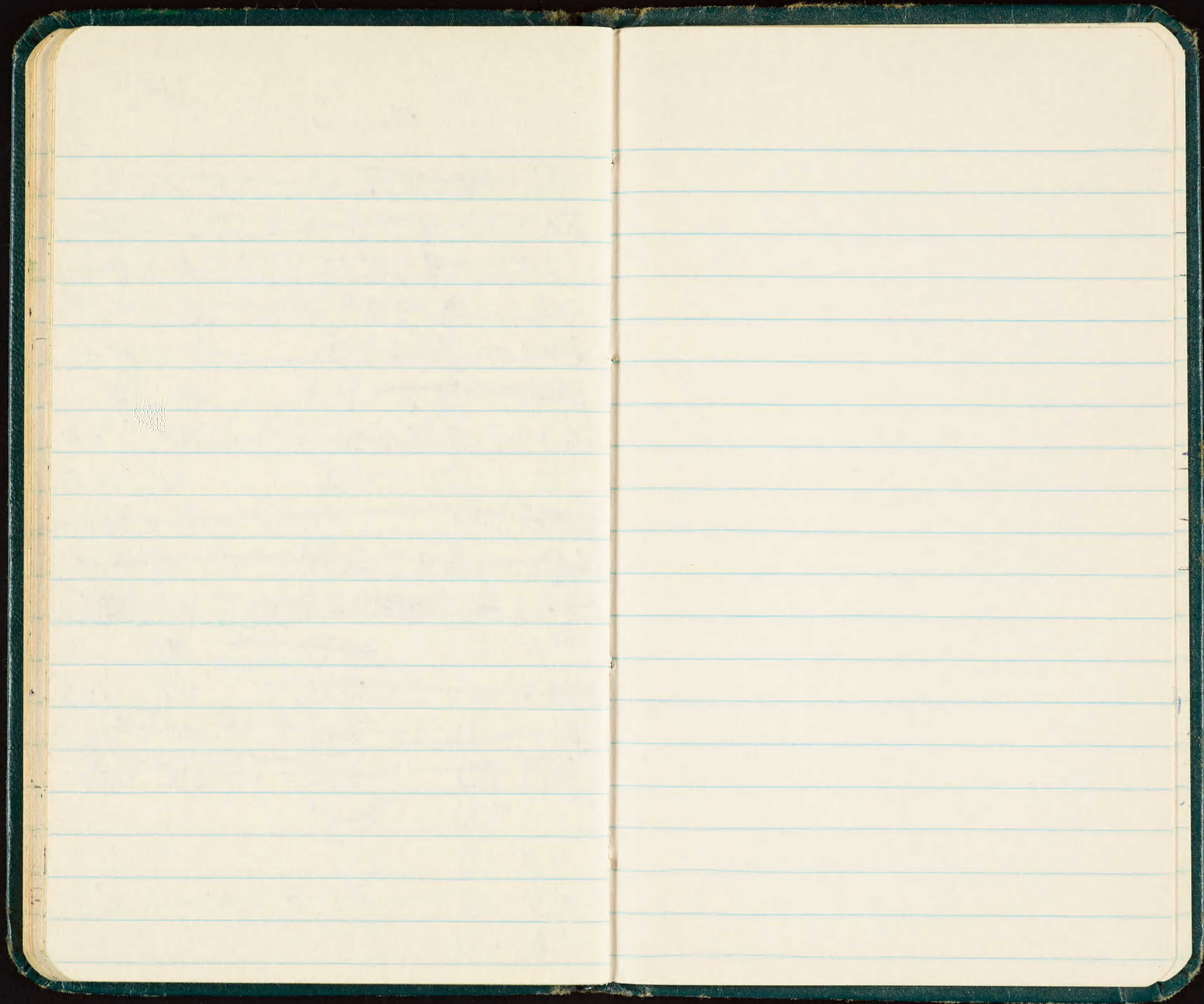
Movied  
NH

67 W ~~W~~ D  
~~697-22377~~ W D  
~~667-39636~~ W B  
~~737-45969~~ C Bt  
68 C Bt  
69 C Bt  
~~93860~~ C Bt  
70 C Bt  
~~697-22405~~ C Bt  
~~667-39700~~ C Bt  
~~737-90072~~ W D  
71 W 1/2 D  
72 W B  
~~737-91753~~ W Bt  
~~697-90764~~ W 1/2 D  
73 W 1/2 D  
74 W Bt  
~~697-22355~~ C Bt  
75 W D

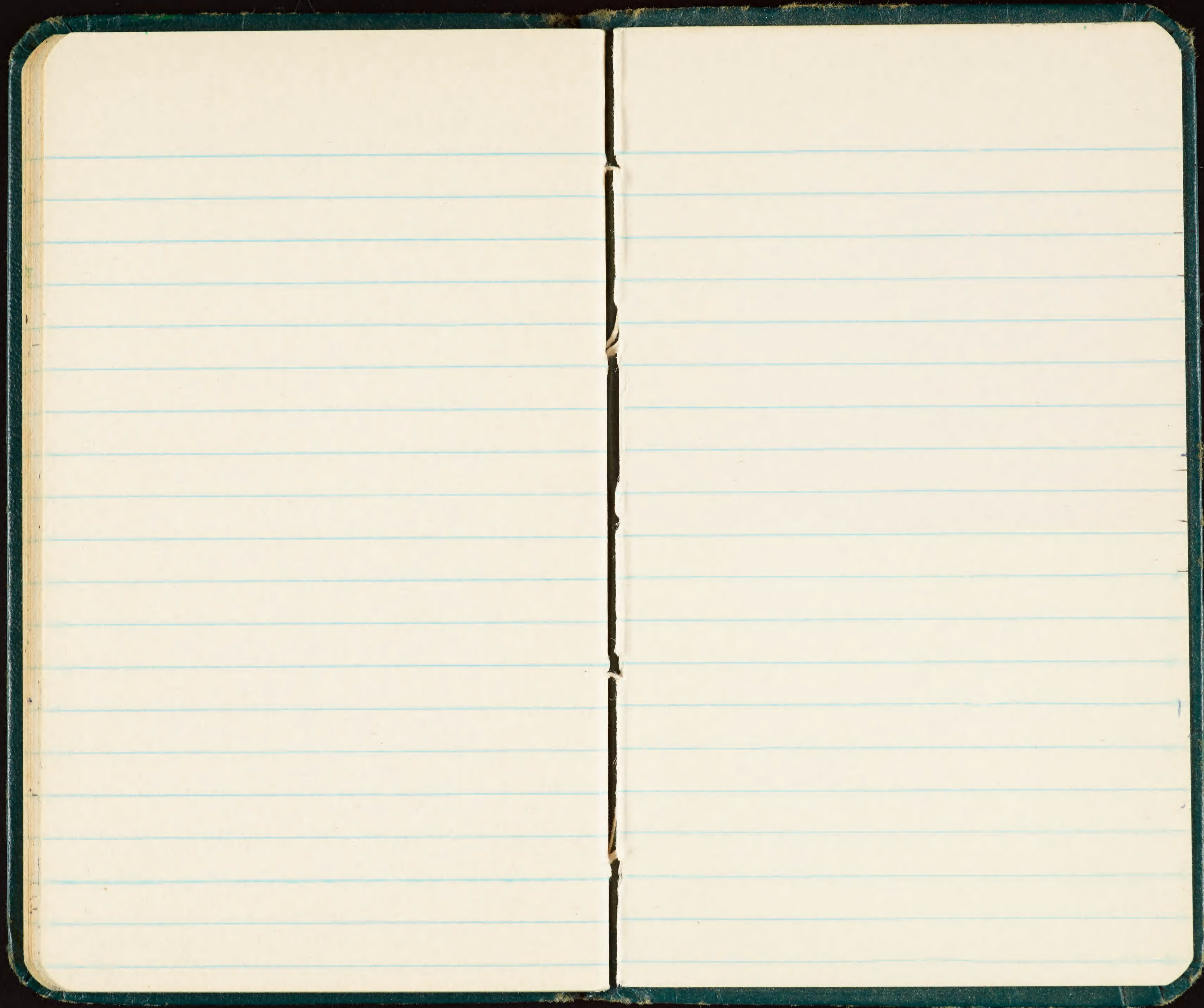
planned

~~697-90738~~ W 1/2 D  
~~667-39713~~ C Bt  
~~737-90076~~ W Bt  
~~737-91289~~ W 1/2 D  
~~697-90677~~ C Bt  
~~697-968~~ W Bt  
~~697-90688~~ W 1/2 D  
76 W 1/2 D  
~~737-~~ C Bt  
~~667-93720~~ C Bt  
~~737-70092007~~ W 1/2 D  
~~77~~ W  
~~597-45625~~ W 1/2 D  
~~77~~ W 1/2 D  
SAF (18) W 1/2 D

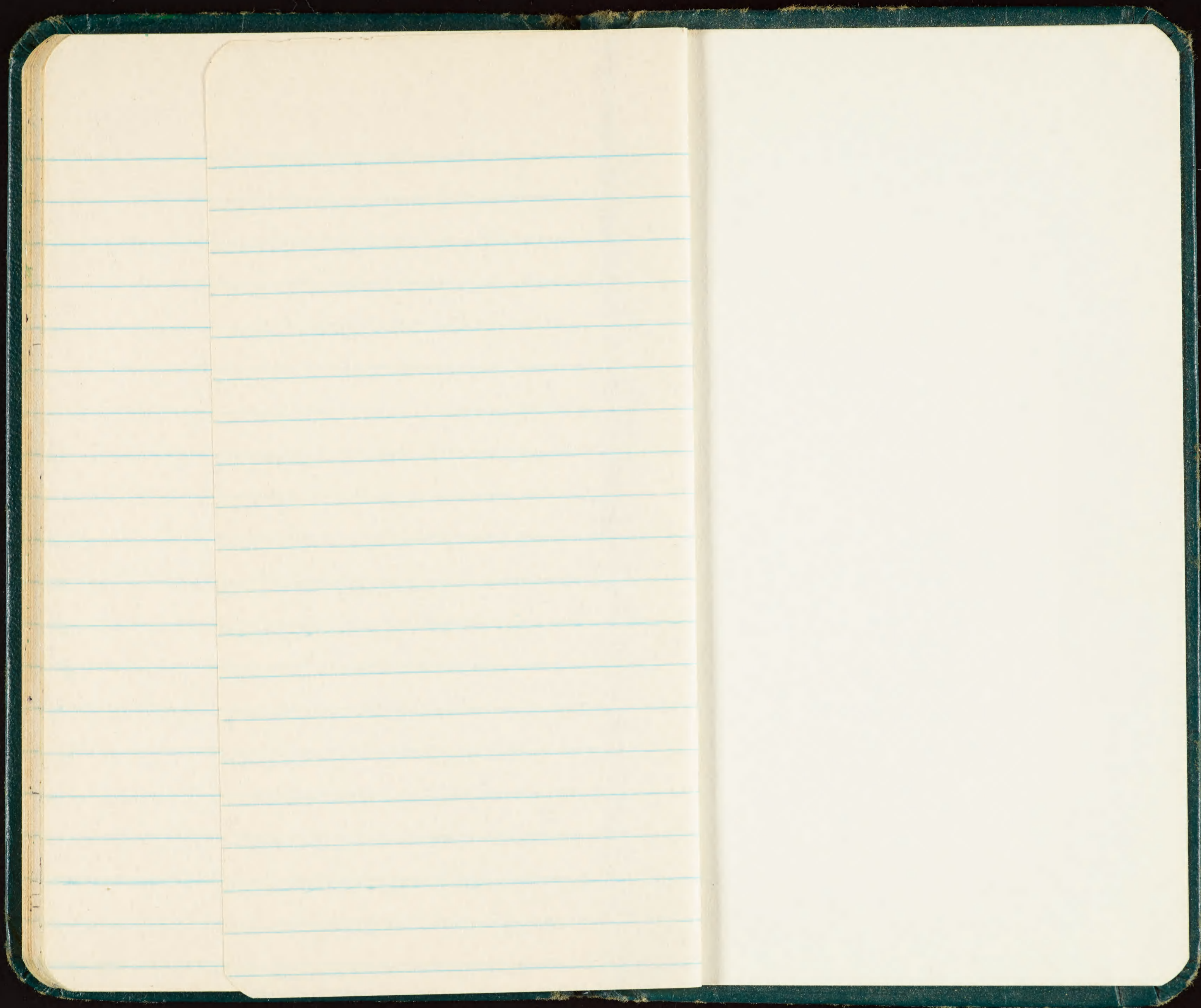




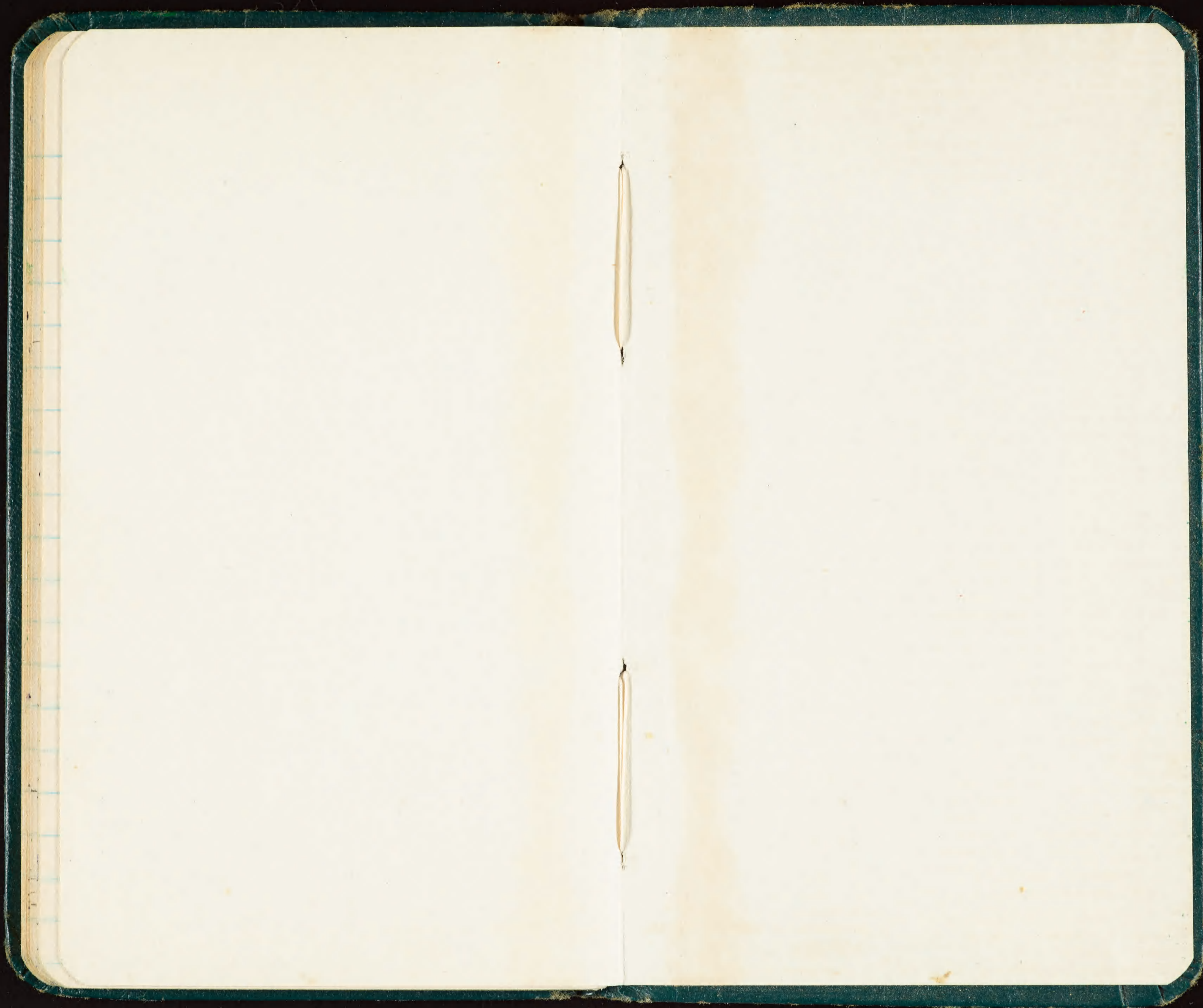














**7530-222-0078**  
**FEDERAL SUPPLY SERVICE**



*Memoranda*



Standen 24 January 1965

U.S.C.G. Loran Station

U.S. Naval Station, Box 36

FPO San Francisco 96640

NO ADP  
CPT

~~Done CPT~~



24 Jan 1965

Arrive on Kure

1500

SET Recording Thermograph

1700

25 Jan

MARK 3 MAX min thermometers.

#1 ON Post outside LAB

will be standard

#2 } will be compared with

#3 } #1 then moved About Is.

The following are some recorded Temperatures:

	#1		#2		#3	
	67	67	70	70	69	69
	69	60	71	61	71	61
	63	55	67	—	62	—
	✓ 65	55	70	58	63 →	
	60	(60)	63	63	62	62



#3

Read 2° Higher than #1

#2 Reads 3° Higher than #1

45  
3.14  
13

TEMP

Td	Tw	Max	Min	Pop
69	67	70	60	1/25 .00
		69	60	1/26 .17
		63	55	1/27 .13
		65	55	1/28 .0
Sea		69	59	1/29 .03
		70	60	1/30 .00
		69	60	1/31 T
		64	57	2/1 .13
		64	58	2/2 .10
		72	55	2/3 .00
		70	63	2/4 .05
		65	54	2/5 .10
		68	58	6

wind  
14  
South 1820

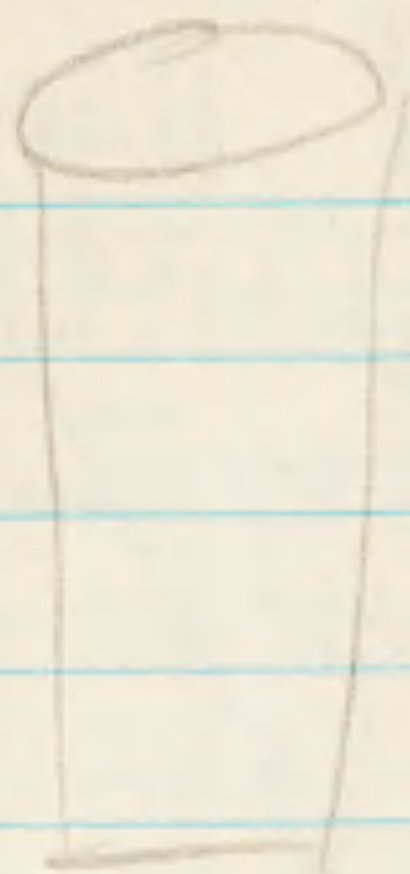
67

North

.05  
.16

2/8  
4/9





Soil +  $H_2O$   
to Sat

Measure amt of  $H_2O$  to add  
until flows out bottom;

or  
take Saturated wt.  
+ dried wt.



Time bet 1100  
+ 1200  
Matched #1 + 2

# Evaporation

Can #1	wt	Can #2	wt
1/27	2746.5	3007.0	ams
1/28	2710.0	2710.0	
1/29	2698.5	2688.5	
1/30	2668.6	2657.5	
1/31	2656.0	2646.0	
2/1	2702.0	2696.0	
2/2	2708.0	2706.0	
2/3	2683.0	2687.0	
2/4	2704	2715.0	
2/5	2703.0	2708	
2/6	2677.0	2682	
2/7	2685.8 <sup>+12</sup>	2711.0	
2/8	2700	2713.0	
2/9	2729	2721	
2/10			
2/11			
2/12	2663	2659	
2/13	2637	2646	



1 70-60  
 2 66-52  
 3 67-64  
 N  
 S

7 knots NW  
 16 ESE  
 2/10 65  
 2/11 66  
 67  
 68

# Thermometers Max-Min

#1	#2	#3	DATE
MAX	MAX	MAX	
MIN	MIN	MIN	
70	69	69	1/29
69	65	63	1/30
69	64	63	1/31
64	61	61	2/1
64	63	61	2/2
72	73	73	2/3
66.5	72	66.5	2/4
65.0	67	64	2/5
68	61	72	2/6
68	73	72	2/7
68	62	69	2/8
64	66	66	2/9
64	70	66	
65	73	75	0.00
71	76	74	2/12
74	80	76	2/13



67 63  
62 60  
63 60

Wind

10 SE

1/29

1/30

1/31

2/1

2/2

2/3

2/4

2/5

2/6

2/8

2/10

2/13

# Humidity Station #

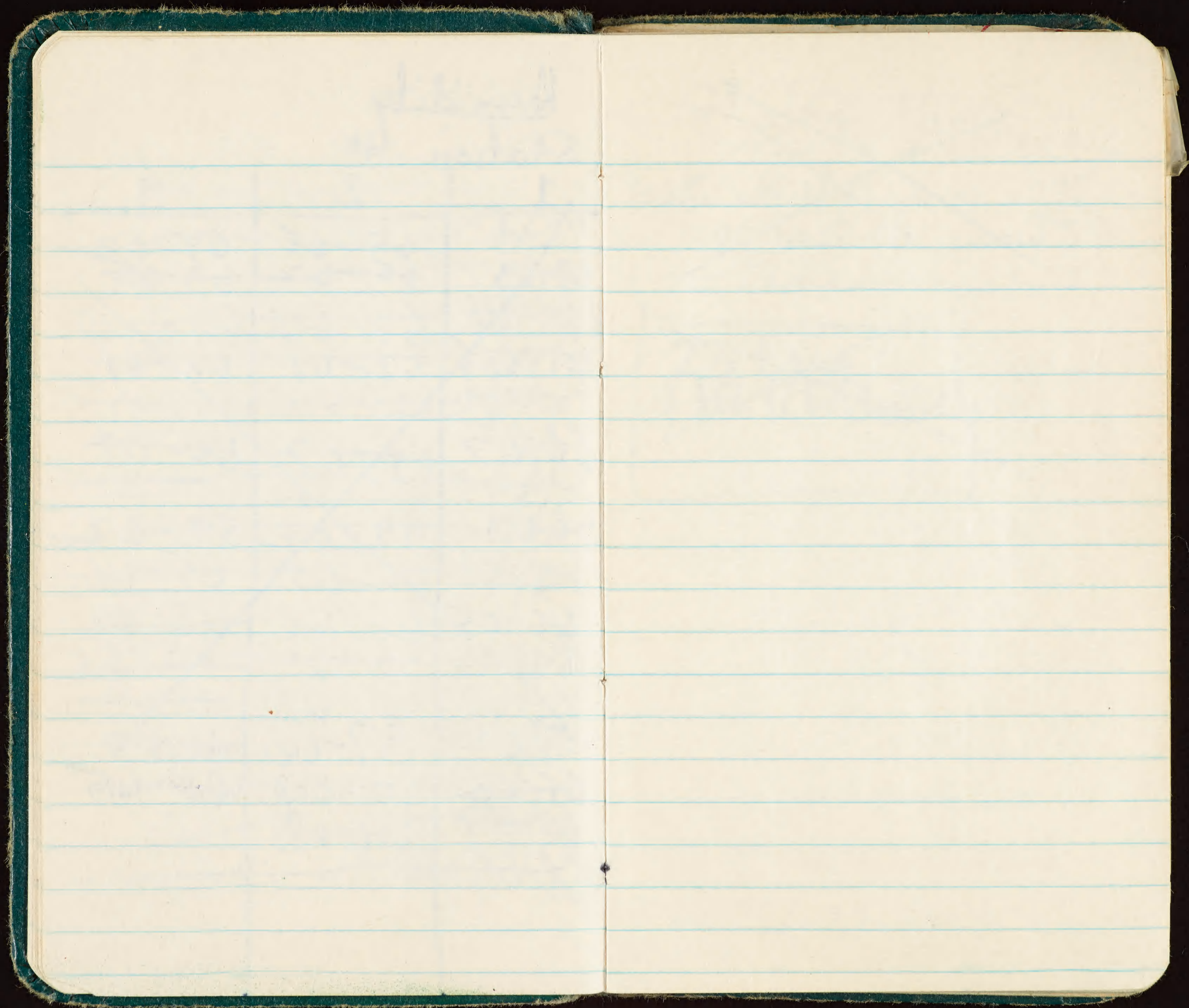
1

2

3

<del>—</del>	<del>63-65</del>	<del>65-62</del>
<del>67-63</del>	<del>65-62</del>	<del>63-65</del>
<del>66.5-64</del>	<del>67-64</del>	<del>67.5-67</del>
<del>61-60.5</del>	<del>62-61</del>	<del>62-61</del>
<del>65-63</del>	<del>62.5-61.5</del>	<del>61.5-62.5</del>
<del>66-67</del>	<del>65-67</del>	<del>65-67</del>
<del>65-64.5</del>	<del>63.5-64</del>	
<del>58-63</del>	<del>59-62</del>	<del>59-62</del>
<del>65-61</del>	<del>61-65</del>	<del>65-61</del>
<del>66-65</del>	<del>65-66</del>	<del>65-66</del>
<del>65-66</del>	<del>65-65</del>	<del>65-65</del>
<del>65-68</del>	<del>65-68</del>	<del>64-62</del>
<del>57-62</del>	<del>57-60</del>	<del>60.5-7</del>
<del>65-62</del>	<del>60-64</del>	<del>60-65</del>
<del>66-69</del>	<del>64-67</del>	
<del>66-69</del>		







Set up Station at N.Pt.

1100 hr. 29 Jan 1965

Thermo. UD. 2

~~29 Jan 1965~~

~~Seals at N.Pt.~~

~~1000 hr~~

~~UT -~~

~~275~~

~~359~~

~~23 Aug~~

~~118 RFB Book~~



# Shore bird Count

NE BEACH

Walker  
BF

18 ~~4~~ ~~|||||~~

~~Eggs~~

~~Chicks~~

~~NESTING~~

~~Laysan~~

~~Eggs~~

~~Chicks~~

~~NESTING~~

~~Flower~~

Frigate

14 A ♂ + 11

im - B + 11 + 8

6 A ♀ + 3

RF 3

9 - 40

1 Laysan Red Tailed

37 Walker Laysan

RTTB 2

over SEB

SEB Seals

1 - 259 at K - 20

1 - 239 K 18

1 Broken Egg 23 K 16  
2 44 K 14



SEALS  
NP

4

1-359

N Point

11 ~~33~~ ~~BT~~ ~~to~~

Laysan

Chick 1  
~~NEST~~

Egg 11

Nesting 11

Blackfoot

Eggs 111

Chicks 11

Nesting 111

Walkers 14+3+2

13

2  
+3

18

67



~~69798177~~ } Black  
~~5276552.4~~ } foot  
 on same band  
 2 bands

~~4257B~~  
 Plow

# NWest Beach

Black foot  
 9 Walkers  
 Nesting  
 Eggs  
 Chicks

Lay Sam  
 Nesting  
 Walkers  
 Chicks  
 Eggs



Monday 1 Feb  
To Do

1. Weather Records (copy)
2. Labels for skins
3. Skin.
4. Redraw & U Point



RFB

✓ ADP

73791597 ✓

697 24597

73791673 ✓

73798414 ✓

737 45353 ✓

2 Feb 1965

~~1 RFB~~

2 IF

3 ~~RFB~~ IF

4 RFB

5 RFB

6 IF

~~7~~ IF

Banded 7

Handled 23

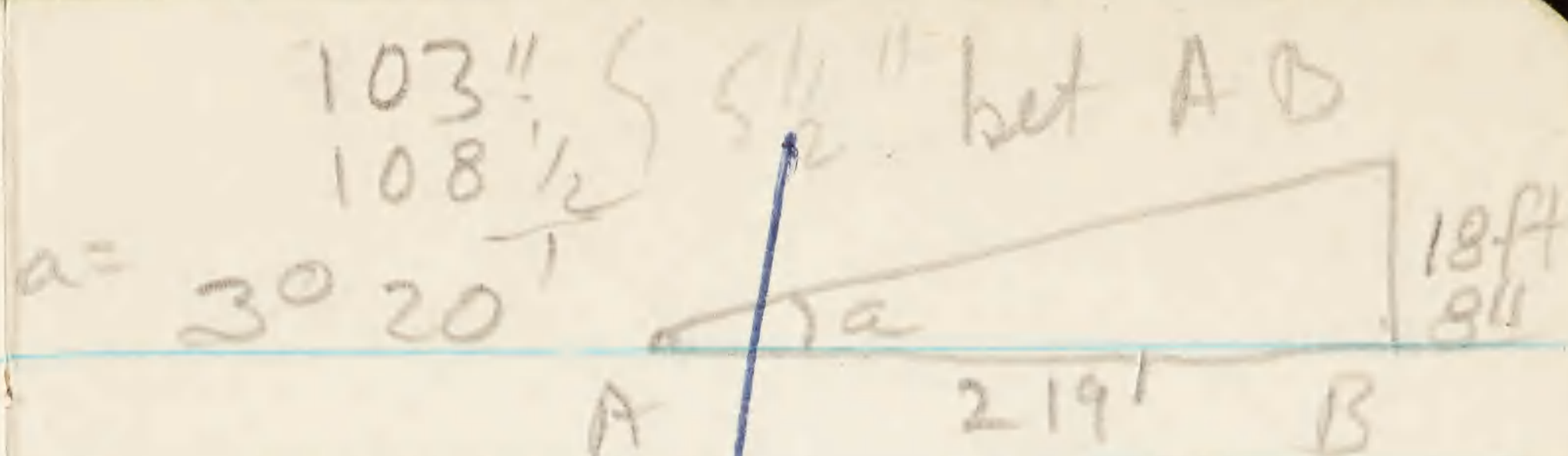
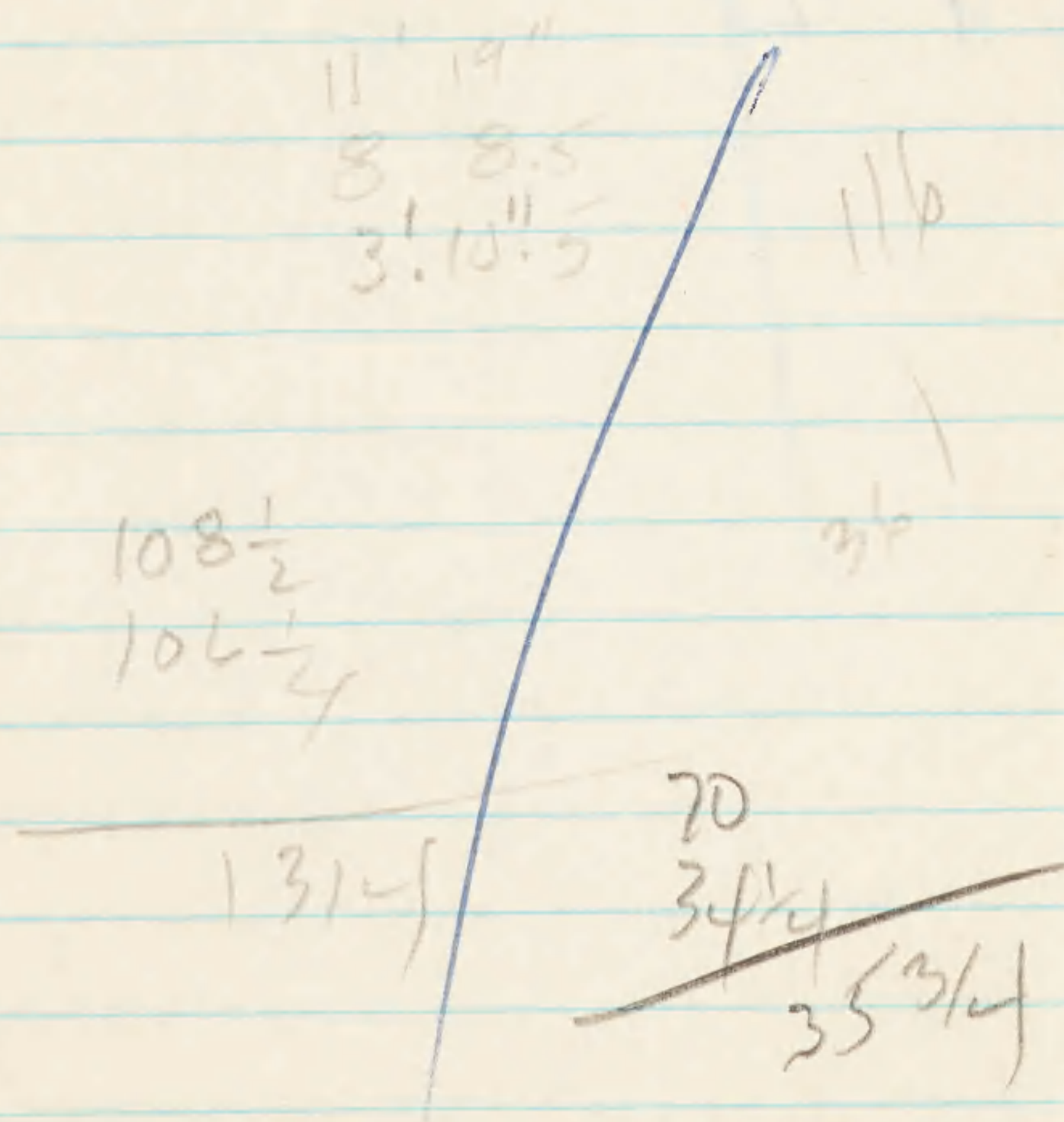


Black foot

737 45771 D B<sup>+</sup> Green

Laysan

597 45842 yellow Rt



59 3/8" above pipe level

B to C

C = 12 ft 7" 191 ft  
B = 8' 8 1/2"

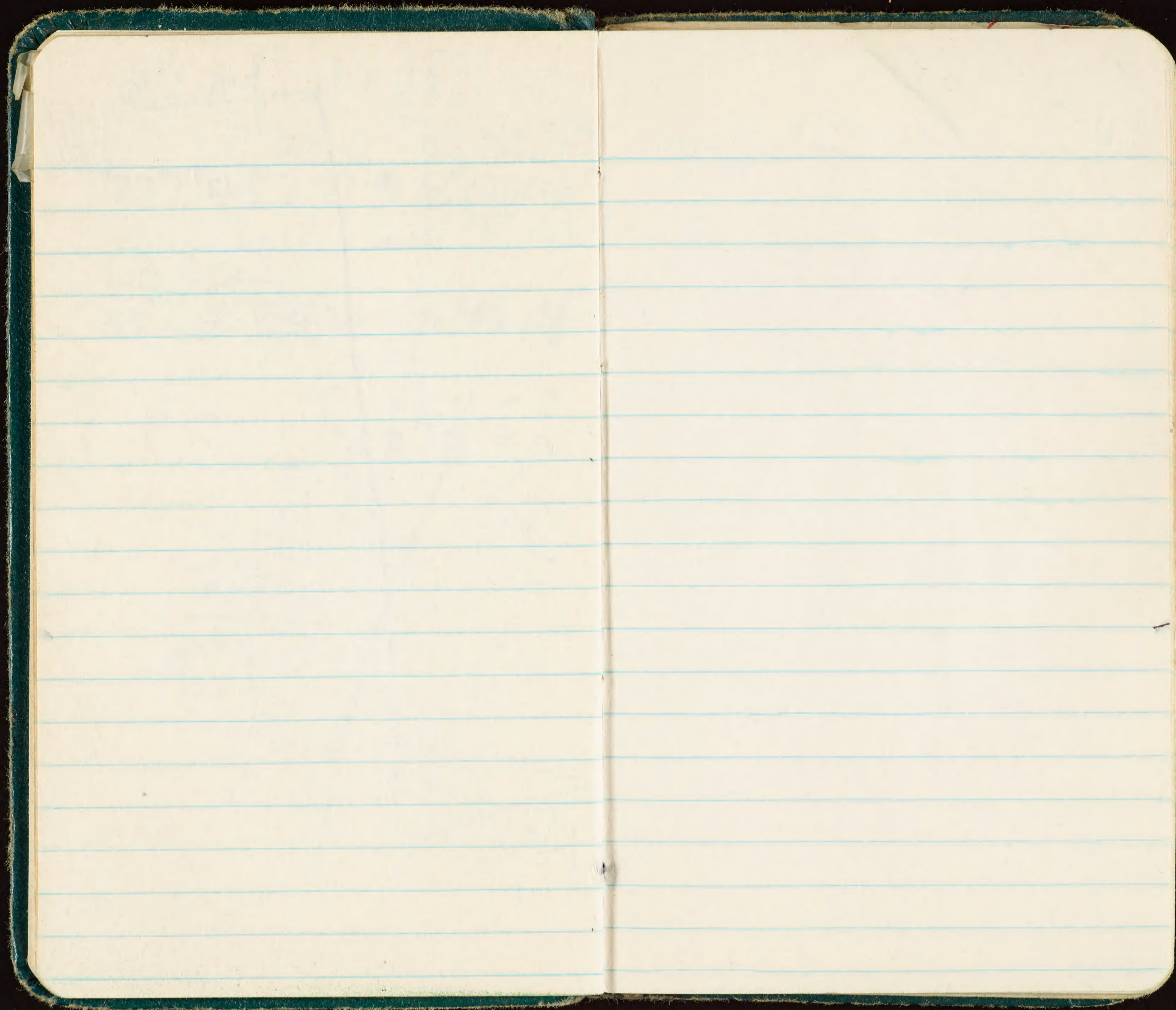
H<sub>2</sub>O at D pole 187 1/2"

133.0

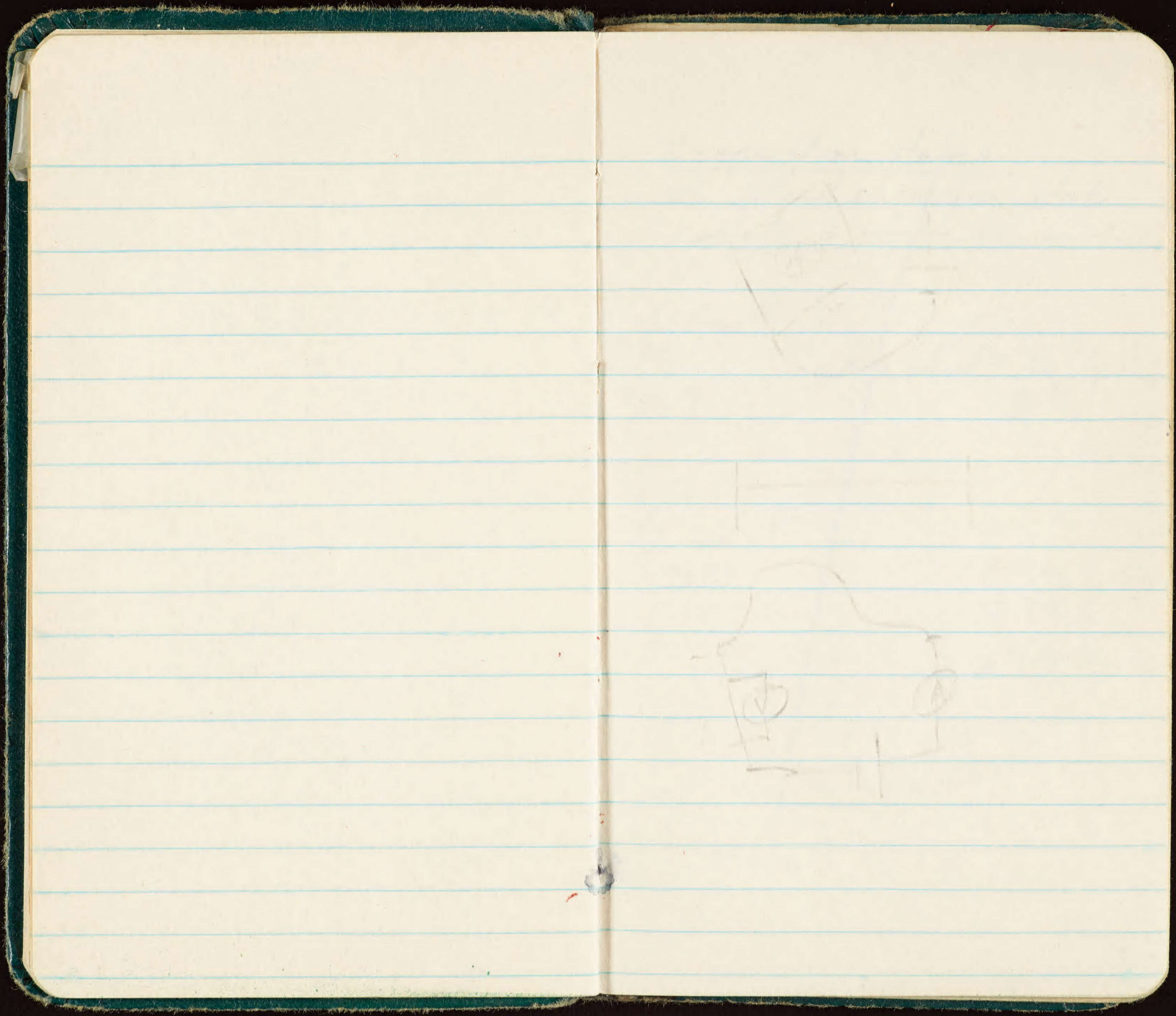
54 1/2

4' 6 1/2"











Evaporation study  
on plant succession plots  
roosts + under scaevola

Can # 1  
1/26 Saturated =  $8\frac{3}{4}$  lbs  
1/27  $8\frac{5}{16}$  lbs

Can # 2  
2968.7

2802.8  
2795.9  
2773.7



25 January 1965  
 $\mu A$  Voltage 1.35V  
 To

14 — 72°F  
 16 — 73°F  
 16 — 71°F  
 14.5 — 75°F  
 14.0 — 76°F  
 13.0 — 77°F  
 15 75

1 Volt

1.3  $\mu A$  70°

1.35 V

13.5 — 71.5

13 — 70

15.5

18 — 68

14 70

14 72

3

18 68

15 — 70

14 69

17 69

18 — 74

19 66+

18 68

17 69

17.5 67



Need to wire in 1.5Volts  
fresh bat



Lay Sam

~~597~~ 597 38328  
Red on left

(21172)  
Used

29  
793-21148  
77



yellow head 11

Feb 1, 1965

937-97726

Blackfeet  
Dark

(57) D

667-39098 D

547-84174 D

(58) D

(59) D

739-94866 D

(60) D

737-47225 D

737-47211 D

737-45537 D

737-90953 D

697 90869 L

(61) D

697 90164 D

697 90157 D

737 45623 D

237 90803 D

Brood

D

D

B+ GH

D

D

B+ GH

D

B GH

D

B

B GH

B GH

D

B+

B+ GH

B+

B+



7

737 610839 L BT  
737 45150 B

#3

69-60

at 2:30  
2/5



Red

597-84185

C

B+

Blue B

737-45603

L

B

737-92427

D

B

1 Reg

737-91016

D

B

737 45545

D

B+

GH

737 45527

D

B+

737 45629

D

B+

737 45624

D

B+

GH

597 84186

L

B+



Feb 7 1:30  
No. Pt.

12 shots 1 gull

~~345~~  
~~333~~ + 2 things  
~~366~~

~~256~~  
~~349~~  
~~221~~  
34  
100  
100

342  
180  
162

Heading Jan Feb 2

from 6th Riley <sup>(I)</sup>

210-180° DIST. <sup>(II)</sup>

210-180° to shore Dist 325 paces  
Angle on tower 347°

From Stone to tower 0° <sup>(III)</sup>

K12 + red stake - 226°

Dist. 147

Dist from K12 to beach  
at heading 320° -

(25)

at " 215° - 55

IV New pt 215° - 50p

Angle on tower 10°

angle to 62° pt

from here at 255° - 37 V paces

at 105 to W.S. 49 paces

to tower 195°

To H 20 at 15° - 16

at 105° 20

MS - 40



picture from K12  
at 900 with compass  
in it at N. Pt

#284 below K 15-16 sandy

Seal K13  
No tag

110 paces | Did <

from K13 to WS Edge of lagoon

107 Dist →

at 170° to H<sub>2</sub>O from WS SDP

Angle on tower - 197° (VI)

Angle on K12 - 277°

Between K12 & (VII) edge of  
lagoon at 33 paces

Dist from VI to K12 128 paces

Sight of WS from K12 73°

Angle K13 47°

angle on tower from K13 190°

Dist K13 from H<sub>2</sub>O at 80°

38 paces

Angle from K13 + K14 - 171°

Angle from K13 to VI 50°

160° " " to edge of lagoon



~~Seed~~  
~~230 of K14~~  
Scarp

at 120 paces on K14 - push  
 $\angle 75^\circ$  H20 is 28 p  
 8 paces at  $259^\circ$  to K15

~~all 20 days~~  
~~270 heavy~~  
~~312~~  
~~200~~  
~~all 20 days~~

K-14 to Beach Durt 33 p  
L on Tower 1957

K 14 to burst at  $\angle 163^\circ$  440 pasc  
 $\angle$  tower  $260^\circ$   
 to H<sub>2</sub>O AT  $80^\circ$  VII  
27 p  
 $\angle$  to K 18 - 11 pasc  $216^\circ$   
 END

from VII 75 percent  $135^\circ$   
to VIII edge of  $H_2O$

VIII — 2275 to Tower  
at 184° — 110 paces

to IX ] C from IX to tower 200°  
from here at C 200 144° pass  
at H<sub>2</sub>O to X



X dist From H<sub>2</sub>O at 105°  
24 paces

at < 210° 136 paces to  
C on tower 313°

K-23  
C on tower 331°

Dist to H<sub>2</sub>O at 130°  
18 paces

~~232 on road near Town~~  
~~1820~~

~~277 bet K11 & 12 in Scar~~  
~~3000 bet K11 & 13~~

2 Feb

Try to make traverse of  
N. Pt. after week 10 (9 Feb)

Draw traverse  
find graph paper  
Soil samples  
Traverse with thermometer



4 Feb  
RFB 162

Fing 136

BFB 23

~~NP Swamp 274~~

South Pond

Stake #1 to Stake #2  
302° at 205° 8 paces toll.

#1 to #3 = 16°

± 3 = 5 paces at 16°

5 Feb

K 12 to K 13 <

< K 12 on LT

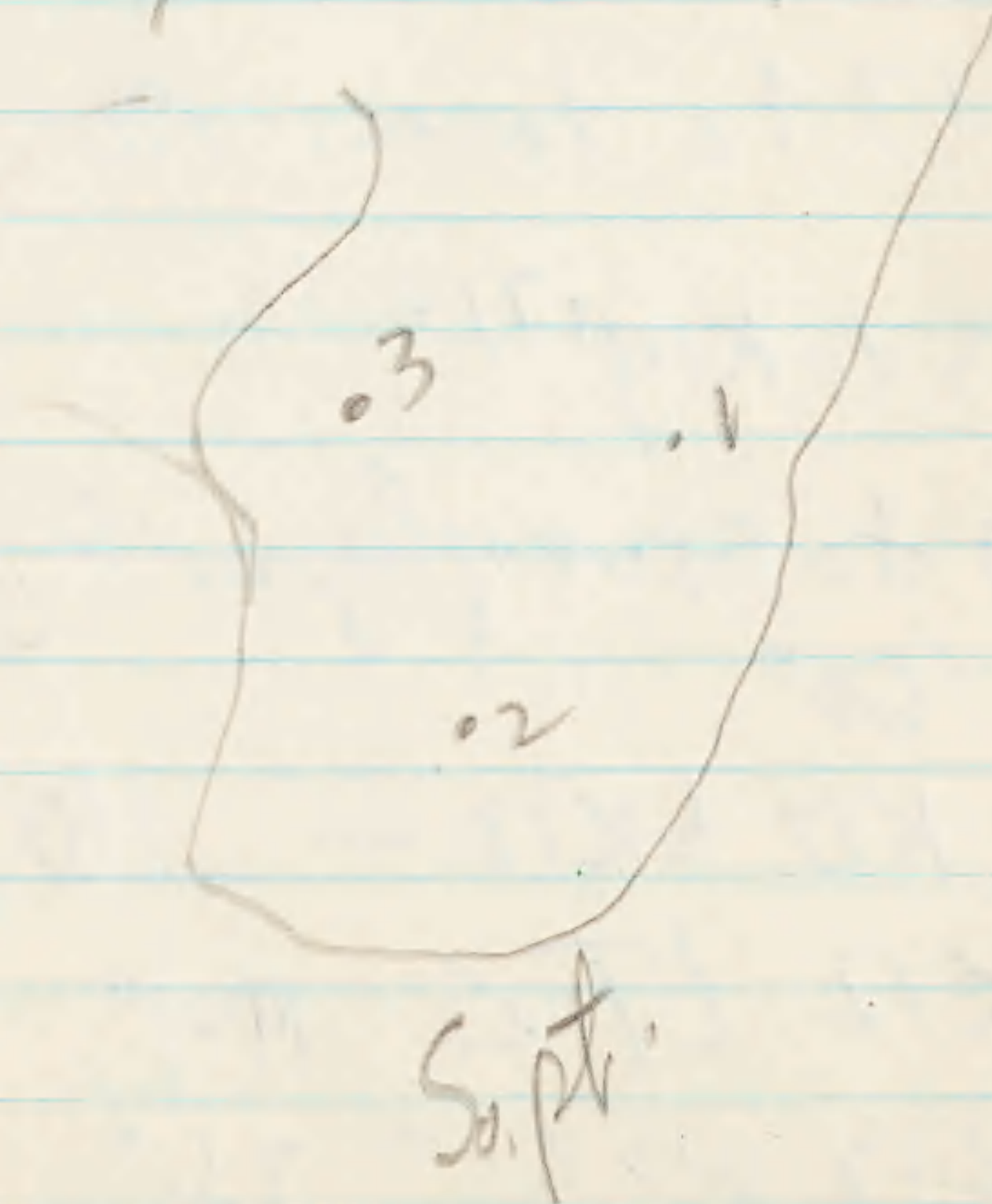
< K 13 on

605 21291

K8 Rd

#2 is 7 paces on 32 line

9 in on 1-2 line





5 Feb

1500

K13

259

W/1

K-13 + 1 K12

$\frac{250}{100}$

$\angle = 350$

K13 to WS  $= 370$

K13 to tower  $190^\circ$

K13 to K14  $171^\circ$

K17 to Edge of lagoon  $18^\circ$   
 $60^\circ$

K13 to K12  $= 110$

K12 LT  $\angle = 194^\circ$

K12 WS  $\angle = 76^\circ$

Shanky with 3 others

NP - 200 with 3-3 others  
295



# Blackfoot Brood & Kart.

667 39052 D / D

(42) D / D

737 92433 D / D

737 93904 D / D

597 52948 D / D

697 90177 D / D

(43) BD+ / D

737 90849 B+ DGH

739 93718 BD D

737 90820 B+ D

737 90819 B+ D

737 92420 B D

737 94594 B D

737 90114 B++ D

597 84184 B+ LGH

737 91603 D D

737 90153 B D

597 84108 B D

697 90156 B+ L

697 90150 B D

527 65524

Left leg



← Sam

100  
61  
39  
101

737 90147	B	L
(64)	D	D
(65)	D	D
(66)	B	L
737 45733	B+	D
697 90882	B+	D
(67)	D	D
737 90828	B+	D
(68)	D	D
(69)	D	D
(70)	D	D
(71)	D	D
(72)	D	D
(73)	B	D
737 91690	B+	D
737 90152	B	L (Gt)
(74)	D	D
697 90147	B+	D

667 35392	B+	D	Glt
737 91725	D	D	
737 91692	B	D	
697 90143	B	D	
737 90162	B	D	
(75)	D	D	
737 45276	B	D	
697 02717	B+	L	
737 94826	D	D	
(76)	D	D	
(77)	D	D	
737 45727	B+	D	
737 45237	B+	L	
737 93729	B+	D	
697 22918	B+	L	
(78)	B/2	D	
(79)	D	D	
(80)	D	D	



43  
52 52

(82)		D	
(83)		B	
(84)		D	
(85)		D	
(86)		D	
(87)		D	
(88)		D	
(89)		D	
737	45219	B+	
(90)		D	
(91)		D	
(92)		D	
697	79649	D	
(93)		D	
(94)		D	
(95)		D	
581	27271	D	
(96)		D	
(97)		D	

92

(98)

(99)

100

587 72943

D

D

D

D

D

D

B

Blackfeet 18 nests

Walders

42

100

230

Turnstone

(11)

Plow

(1)

Tattler

1 so pt

Nests

Eggs

830 Chick  
Hatched

(9)  
(43)



Bluefoot

OC on Chick

697	90101	BPB		L
597	36170	B+D	OC	L GH
737	45703	B+D	OC	D GH
737	45525	B+D	OC	D
737	45523	B+D	OC	L GH
737	47291	B+D	OC	D GH
737	45722	B+D	OC	L
697	90004	B+D	OC	D GH
597	84031	B+D	OC	L GH
697	90003	B+D	OC	L GH
①		B	-	L
737	45524	B+D	OC	L GH
697	90002	B+D	OC	L GH
597	84125	B+D	OC	L BRT
597	84111	B+D	OC	D GH
597	84120	B	OC	L GH

No. Pt. Nest 2

BFW 16

Seal 18

Laysans

Beral 52

59 Laysans +

Wallers

33

24

Eggs

Chicks

75

96

78%

Beach

Seal 345 on beach

Sept

Plover

Terns

# 284

Fairy Tern

312 Scary

2 5

36 K Scary

1



EAST  
Blackfoot

walkers 10 - ~~||||~~ ~~||||~~  
(34) ~~||||~~ ~~||||~~ ~~||||~~

Egg ~~||||~~  $\frac{6}{15/2}$   $\frac{15}{2}$  (+18)

chicks ~~||||~~ ~~||||~~ ~~||||~~

# 357 black Bet 3<sup>k</sup> 435

Sandwiching /

Laysan

walkers ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

egg 24 ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ (9)

chicks ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
61 ~~||||~~ ~~||||~~ ~~||||~~

85 ~~||||~~

72% hatched



2-6-65

NIGHT

Dawn Color

737 94814

D D

737 94555

B D Gk

(02)

D D

(03)

- D

737 98010

D D

(04)

B D

737 91388

B+ D

737-93931

D D

737 47300

B D

737 94565

B D

737 93902

B D

737 93753

D D

597 84126

B L

737 47128

B D

737 93761

B D

737 32249

D D

697 90019

B D

597 84074

B L

(05)

D D

(06)

237 93714

B D

(07)

B D

(08)

- D

737 93794

D D

737 47147

B+ D

737 45144

B+ D

(09)

D D

(10)

D D

(11)

D D

597 84150

B+ L

(12)

D D

737 47157

B L

(13)

D D

(14)

D D

597 27092

D D Bleed

597 84151

B D "

737 45705

B D

697 22962

D D



Lay saws -

697 22595 BPB+D

(93) OC B+

737 90305 B+

697 90265 OC B

(94)  $\frac{D}{2}$

737 45658 OC B+

737 90313 B+

(95) D

737 90599 D

737 91213 D

737 90314 B+

737 94708 B

697 90273 OC B+

737 91651 OC B+

(96) D

737 90575 B+

697 22863 OC B+

737 90731 OC B

697 24557 OC B

697 22882 B+

697 24553 B+

737 90349 B

697 24554 OC B+

697 24550 B

737 91854 OC B+

737 90356 OC B+

667 39277 OC B+

697 24608 OC B+

737 91853 OC B+

697 90299 OC B+

94 7 90288 OC B+

737 94888 OC B+

737 90681 B

737 98016 B

737 94887 OC B+

737 92119 OC B+

737 45655 OC B+

587 ~~387~~ 27093 Blue B+ OC B+

737 92314 OC B



737 90408

B+

697 22769

B+

737 91819

B

697 22846

B+

697 90222

B+

737 90677

B

737 91834

B

737 90434

OC

B+

737 92115

B

667 39241

B+

737 90427

OC

B+

(97)

OC

B

(98)

B+

697 24546

B+

697 22891

OC

B+

737 91840

OC

B+

Ble

667 35378

OC

B+

(99)

D

(100)

D

737 90370

OC

B+

697 44559

B+

697 22692

B+



17 Feb  
 U  
 G  
 G  
 G  
 U  
 U  
 U  
 R  
 G egg  
 R

11  
 U  
 G  
 G  
 R  
 U  
 G  
 R  
 L G  
 R  
 ♂

1800

16 buting  
 3  
 moved  
 3

10  
 U  
 G  
 G  
 R  
 U  
 U  
 G  
 R  
 G egg  
 G

8  
 #1 U  
 14 G  
 5 - U  
 16 G ♂  
 3 U  
 11 G ♂  
 24 G ♂  
 25 R  
 23 ♀ R egg  
 21 G ♂

9  
 U  
 G  
 G ♂  
 16 R  
 3 U  
 G  
 R ♂  
 G egg ♂  
 21 R



La 9F



Laysan  
NI IN IN IN II  
9 Feb

31

W

~~697-24607~~

B+

~~737-47427~~

B+

~~697-22216~~

~~737-98246~~

B+

~~737-45908~~

B+

~~737-98282~~

D

32

D

33

D

~~737-91147~~

1/2 D

34

D

~~737-317380~~

D

~~-98260~~

D

~~-98248~~

D

~~597-46457~~

Yellow R. right 1/2

~~737-98256~~

B

35

36

37

D

D

Laysan  
9 Feb

737-92348

1/2 D

~~737-47374~~

1/2 D

38

D

737-91776

B+

39

D

~~587-57187~~

1/2 D

737-93528

B+

40

B D

41

D

42

D

~~697-22248~~

1/2 D

~~697-90478~~

B+

~~737-90884~~

B+

43

B+

~~-98049~~

1/2 D

~~-90601~~

1/2 D

~~587-57243~~

Red Left

B+

44

D

737-92249

D



Laysan 9 Feb

~~NNNN~~ III

737-47472

45

~~597-45866~~ Yellow Right  $\frac{1}{2}$  P

46

737-91778

737-92006

47

737-98257

737-90501

737-45902

737-94613

- 48

- 93655

- 49

50

- 93536

- 92081

- 92210

- 93553

$\frac{1}{2}$  B+

D

$\frac{1}{2}$  P

D

$\frac{1}{2}$  P

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

B+

$\frac{1}{2}$  D

$\frac{1}{2}$  P

$\frac{1}{2}$  P

D

B+

9 Feb

737 45913

~~697-22092~~

~~587-65489~~

~~697-96581~~

737-93537

737-47372

- 92086

- 47378

- 90526

- 94612

- 47447

- 94615

- 98088

92142

$\frac{1}{2}$  P

B+

Yellow Right B+

B+

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  P

B+

$\frac{1}{2}$  D

$\frac{1}{2}$  D

$\frac{1}{2}$  D

D

D

$\frac{1}{2}$  D

B+

D

B+

33

Painted birds (N & W)

(51)

~~597-45348~~

~~587-65252~~

~~697-22210~~

Yellow rt

" "



WAF

rooms

697-2286

737-91654

98219

90325

90431

7- 94927

697-90281

1-2287

737-90430

90708

90574

697-90282

737-90669

667-39255

737-90364

45687

94889

90360

(52)

(53)

W B

B

1/2 D

B+

B+

C B

W B

B+

B

B+

1/2 B

B+

B+

B

B+

B+

B+

B+

B+

B+

WAF

(54)

(55)

737-90345

1 94925

667-39244

737-91131

697-22678

737-45691

WAF

737-91142

-98222

91418

697-22639

737-94648

697-02419

737-90006

-90534

45698

B+

B+

B+

B+

B+

B+

B+

B+

D

B+

D

B+

1/2 D

B+

1/2 D

1/2 D

B

B+

B+

B+

B+

(57)



SA, Goony

Feb 9 1379

737-91428 W B+  
47021 1 B+  
90012 (58) B+

667-35472 (57) 1/2 D  
737-92504 B+

737-93829 (60) D  
91534 B

667-39378 (61) B  
737-94258 D

91124 B  
90004 1/2 D  
90245 B  
91410 1/2 D  
91130 B

587-65851 (82) 1/2 D  
B J

(63) B+

131 marked

10 Feb Owl  
NAF

11 Feb NAF  
Heavy Sea

737-93779 (79) BPB

(80) B+

(81) 1/2 D

737 91405 B

737 90340 1/2 D

90.342 1/2 D

(82) OC B+

(83) D

697 90846 OC B+

737 90180 OC AB



~~84~~  
~~85~~  
~~86~~

737 94214

737 94217

~~90348~~

~~91141~~

~~87~~

~~89~~

~~90~~

~~91~~

697 90910

697 22877

737 94748

~~94216~~

~~9931~~

~~92~~

~~92278~~

~~93~~

~~94~~

D

$\frac{1}{2}$ D

$\frac{1}{2}$ D

B+

$\frac{1}{2}$ D

B+

B+

D

$\frac{1}{2}$ D

$\frac{1}{2}$ D

B+

OC

B+

OC

$\frac{1}{2}$ D

D

D

D

$\frac{1}{2}$ D

$\frac{1}{2}$ D

D

D

645 - 21007 ATTB

Seavala L5

737 94223

~~95~~

697 22764

90905

~~96~~

697 92133

737 9239L

1 47269

~~97~~

737-94219

~~98~~

587 57088 Red left

737 92202

~~400~~

OC

Recovery - 737-47256

DEAD LAYSAN RATS?

737-92832 DEAD FRIG

B+

B+

$\frac{1}{2}$ D

B+

B

B+

D

B+

D

$\frac{1}{2}$ D

B+

$\frac{1}{2}$ D

D

B



$\frac{57}{28} \frac{29}{29}$   
 71 ft. 3 to 2  
 59 ft 1 - 3  
 65 - 14 = 51  
 100 - 14 = 86  
137 #4

2 to 4 2770 137ft  
 52

52 36

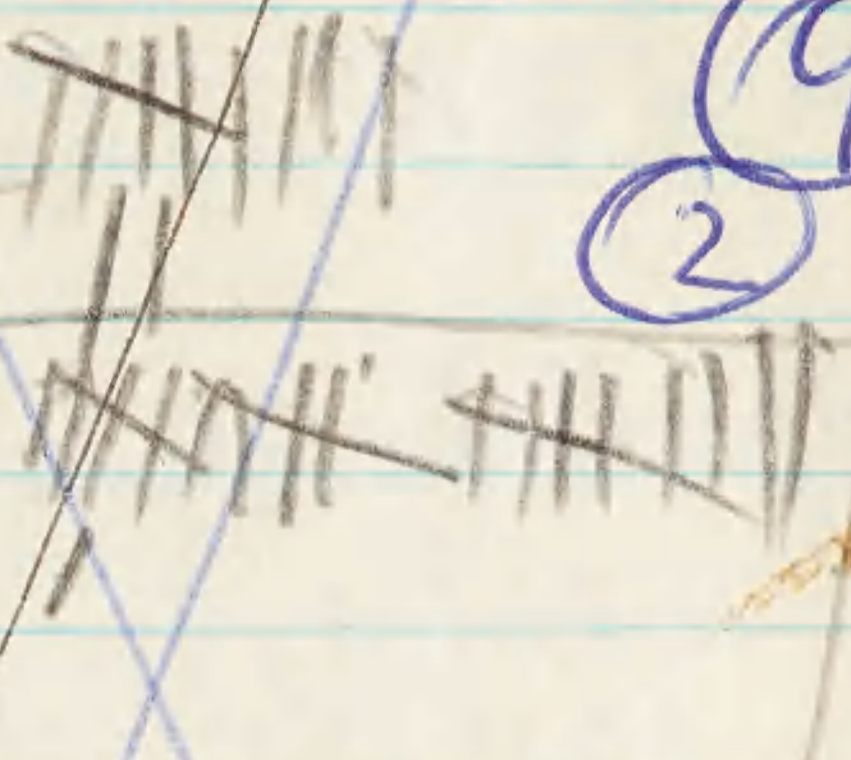
$\frac{1}{3} = \frac{1807}{1150}$   
 $\frac{1}{26}$

14  
 9  
23

$\frac{892}{214} \frac{652}{49}$   
1807  
 36  
42

$\frac{892}{36}$   
 $\frac{5352}{2676}$   
 $\frac{3211.2}{34}$   
93

13 Feb  
 Shoreland Court  
 Buildings & grounds

Laysans  
 Nests   
 Aland Nests  
 Chick  
 eggs

(9)  
 (2)  
 (19)  
 (1)

Blackfoot  
 Nests  
 Ab. Nest  
 Chick

2-11  
 51 or  
 26  
 4  
 48  
129

Plover  
 Curlew  
 Turnstone

Dead Laysans

46  
 6  
52  
 30  
82



NAT

Dead layings 1  
Dead Eggs 1

Blower III 79111  
Curlew  
Turnstone 11111

## NAT Study

~~Abandoned~~  
~~on egg~~  
~~on chick~~

~~XXXXXXXXXXXXXXXXXXXX~~

(64) 84

SAF  
LAYSon Nests  
Ab. eggs  
[Checks  
eggs  
dead Laysons

Plow - III  
Curlew - I  
Turnstone - ~~III~~ ~~IIII~~ II

Dead Bunnies  
Red & dead

BFB 2 eq



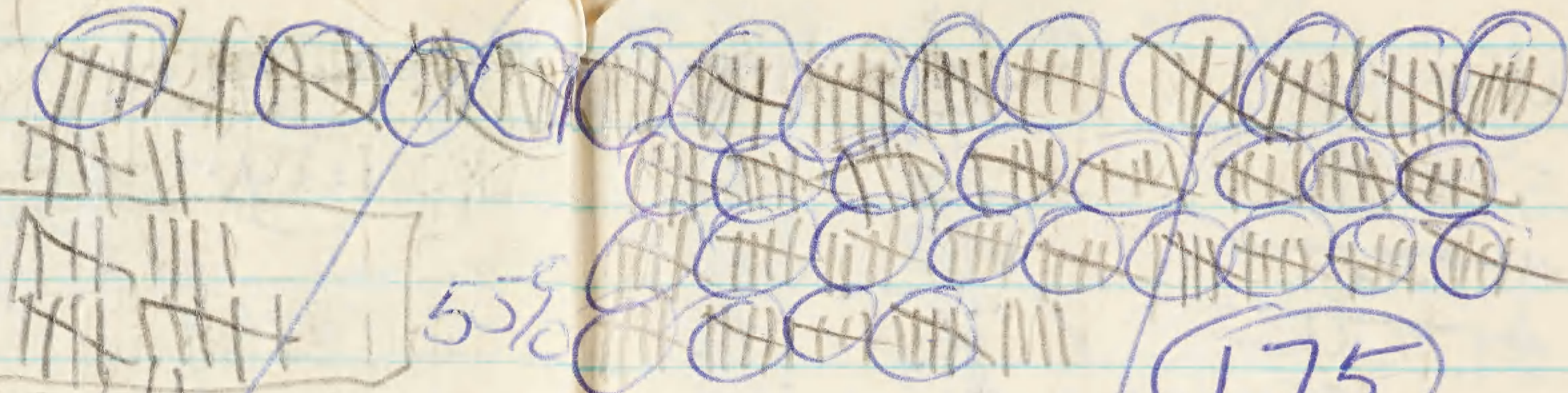
135-  
Runway

Laysan Nests

ab. eggs

[Eggs

Chicks



55%

175

Dead Laysan

Blackfoot Nests

ab. Nests

[Eggs

Chicks

Plow

||||

Turnstone

||||

Curlew

||||

6/4/8

Pts in Laysan 1 off Way N

Dead Plow

Fin

24

Sturdy Laysan

Chick

egg

abandoned

1 loaded by rats

||||

||||

||||



13 Feb

1400

(15)

14 - G

5 - G

~~1 - U~~

~~21 - U~~

~~2 - U~~

~~16 - U~~

~~23 - U~~

~~11 - U~~

~~24 - U~~

~~25 - U~~

G

G

12

12

12

G

G

U

R

G

15

G

G

U

U

U

U

R

U

G

G

~~Seal. Next #371~~

1

1 R

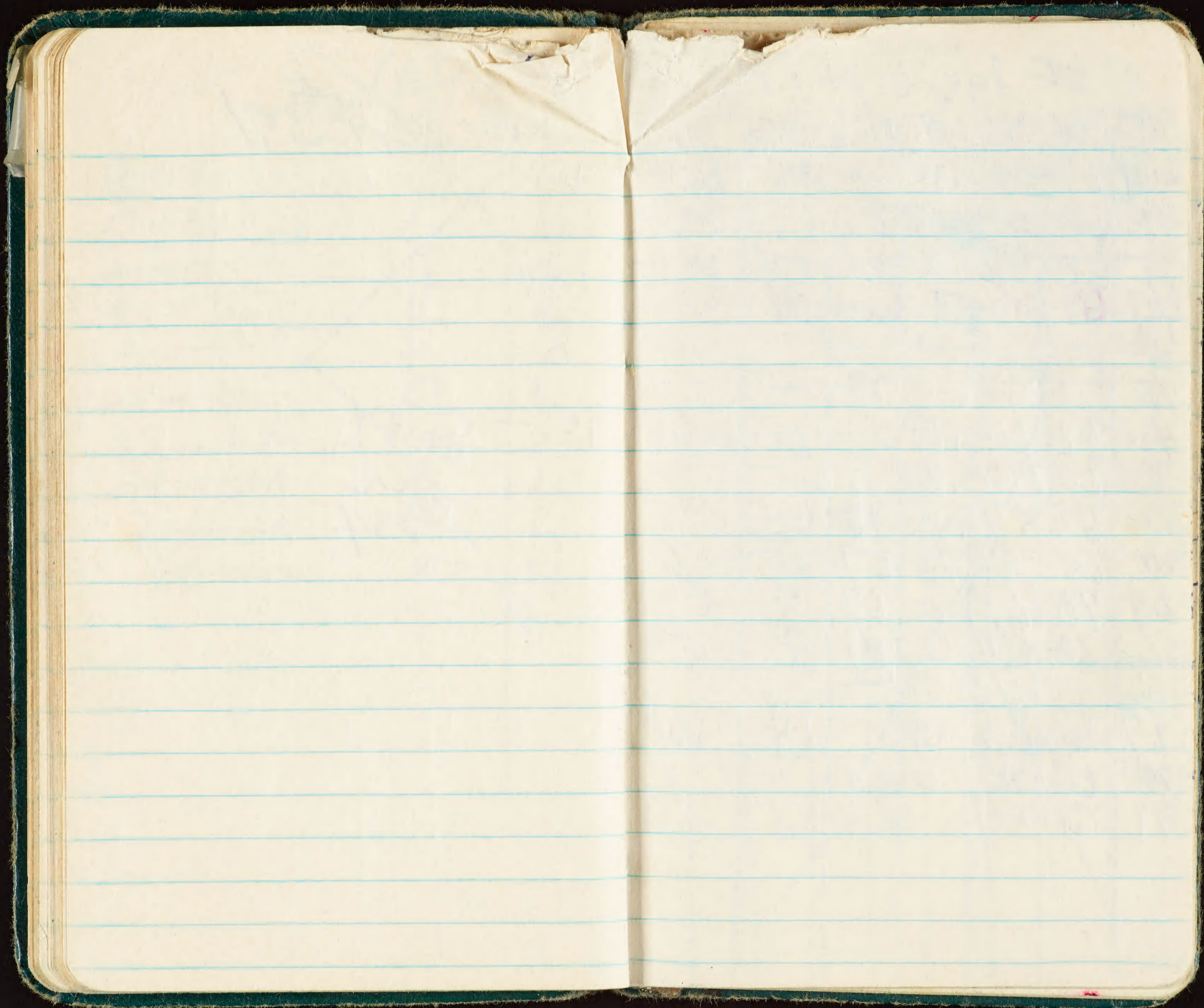
R

15 - So. Pt.

306

354







# #1 WEATHER

DATE	MAX	MIN	PPT.	Wtr.	W. Sp.	Dir
2/14	67	56	.35	64	25	NW
2/15	62	54	.00	63	12	NW
2/16	66	55	.00	65	13	S
2/17	69	55	T	66	14	S
2/18	69	65	.21	65	15	S
2/19	69	63	.02	70	20	S
2/20	72	63	.19	6		
2/21	64	54	.87	SE	15	
22	63	54	.55	NE	16	
23	65	59	.03	E	13	
24	70	61	0	9	E	
25	72	63	0	69	18	SE
26	73	66	0	21	5	
27	70	63	.07	14	NW	
28	67	58	0	67		
3/1	71	54		67	10	S

# #2

DATE	MAX	MIN	Td	W	Dir
2/14	59	57	—	59	57
2/15	60	55	65	55	58
2/16	65	60	74	58	65
2/17	65	68	70	64	68
2/18	68	68	78	68	67
2/19	68	68	78	68	67
2/20	68	68	78	68	67
2/21	68	68	78	68	67
2/22	68	68	78	68	67
2/23	68	68	78	68	67
2/24	68	68	78	68	67
2/25	68	68	78	68	67
2/26	68	68	78	68	67
2/27	68	68	78	68	67
2/28	68	68	78	68	67
3/1	68	68	78	68	67

# #3

DATE	MAX	MIN	Td	W	Dir
2/14	68	59	60	56	
2/15	60	58	58	54	
2/16	73	56	61	55	
2/17	72	68	68	66	
2/18	72	68	68	66	
2/19	72	68	68	66	
2/20	72	68	68	66	
2/21	72	68	68	66	
2/22	72	68	68	66	
2/23	72	68	68	66	
2/24	72	68	68	66	
2/25	72	68	68	66	
2/26	72	68	68	66	
2/27	72	68	68	66	
2/28	72	68	68	66	
3/1	72	68	68	66	



Soil Water

DATE	1	2
7/14	2789	2675.0
7/15	2717	2649.0
7/16	2491	2632.0
7/17	2678	2628.0
7/18	2837	2685.0
7/19	2871	2783.0
7/20	3048	2910.0
7/21	3029.0	2933.0
22	2990.	2939.0
23	2941	2921.0
24	2830	2855.0
25	2782	2887.0
27	2702	2733.0
28	2669	2694
3/1	2447	2668

Albino Controls

111

~~defect III~~

stolperstein

Micrograph showing the head region of a nematode, including the mouthparts and the beginning of the intestine.

2) ~~III III III III III~~

West River

2. ~~11~~

~~3) IIII IIII IIII IIII~~

Target range P III

~~111~~ ~~111~~ ~~111~~ 1  
 111

19

8



No Sep

Blackfeet

DATE	16	17	18	19	20	21	22
1	u	u	u	u	u	u	u
3	u	u	u	u	u	u	u
5	u	u	u	u	u	u	u
11	u	u	u	u	u	u	u
14	u	u	u	u	u	u	u
16	u	u	u	u	u	u	u
21	u	u	u	u	u	u	u
23	u	u	u	u	u	u	u
24	u	u	u	u	u	u	u
25	u	u	u	u	u	u	u



Feb 16

295 R 4d with 3714

yellow  
Rt

✓  
597-45842

Red  
Head



# Green Central Roost

✓ 737-93448	W	D
✓ 737 91765	W	B+
✓ 94602	OE	B+
✓ 90523	OC	B+
✓ 47400	OC	B+
✓ 90476	OC	B+
✓ 47399	OC	B+
✓ 91076	W	B+
✓ 697 22102	OC	B+
✓ 737 97067	W	B+
✓ 92328	OC	B+
✓ (49)	OC	D
✓ 737-91073	OE	B+
✓ 737-92505	W	B+
✓ 92068	OE	B
✓ 93640	OC	D
✓ 92356	W	B
✓ 47336	W	B
✓ 94908	W	B
✓ 90542	OC	B+

# 19 Feb Central Roost

✓ (51)	W	1/2 D
✓ (52)	W	B
✓ (53)	W	1/2 D
✓ (54)	W	B+
✓ 397 45746 yellow Rt	W	D
✓ 737-47280	W	B
✓ (55)	OC	B+
✓ (56)	W	D
✓ 737 91387	OC	B+
✓ 22005	W	B+
✓ 93505	OC	B+
✓ 47325	OC	B+
✓ 697 22119	OC	B
✓ 737 47321	OC	B+
✓ 697 90367	OC	B+
✓ 90376	OC	B+
✓ 22115	OE	B+
✓ 737 47322	W	B+
✓ (57)	W	—
✓ (58)	OE	B+



# Central Root 19 Feb

✓ 697	(59)	W	1/2 D
697	90419	W	B+
667	39677	W	B
✓ 697	(60)	OC	B+
697	90388	OC	B+
✓ 737	(61)	OC	B+
737	90888	W	B+
✓ 697	(62)	W	1/2 D
✓ 697	(63)	W	B+
✓ 587	53789	W	B+
✓ 697	(64)	W	B+
✓ 697	(65)	W	D
597	38322	W	D
737	47074	W	B+
737	47333	OC	B+
737	47327	OC	B+
697	22328	OC	B+
737	90887	OC	B
697	22325	OC	B+
737	90885	OC	B+

737	47344	OC	B+
667	39745	OC	B+
697	22318	OC	B+
737	91773	OC	B+
✓ 697	(66)	W	B
✓ 697	(67)	W	B
✓ 697	(68)	W	B+



14 Feb

K 15-11

#346

3 Fairy Terns over VBT

Central Roost Night

737	90516	BT
	(89)	BT
737	47577	B
	92258	BT
	47360	BT
	92084	B
	94620	1/2 D
	45636	BT
	45896	BT
	93523	1/2 D
697	90496	BT
737	92088	D
1	94692	1/2 D
597	45144	900 BT
	(90)	D

697	90571	BT
737	47444	BT
	90506	BT
	90529	B
	92234	D

	(91)	B
	(92)	D
	(93)	D
737	45882	D
	92075	BT

	(94)	1/2 D
	(95)	1/2 D
737	94288	1/2 D
7	45884	BT
	(96)	1/2 D
	(97)	D
697	22233	D
	(98)	D
	(99)	1/2 D
	(400)	B



Seal 298 Bst

737

47491

737

94004

~~05~~

737

47116

1

90981

~~06~~

~~07~~

737

91363

~~09~~

~~10~~

~~11~~

697

90308

937

91395

~~12~~

~~13~~

~~14~~

B+

B+

B

B

B

B

B+

B+

B+

1/2 D

B+

B+

B+

D

B+

1/2 D

20 Feb

Bldg + Gnds

Laysan egg

chick

~~||||~~

nest

~~||||~~

~~||||~~

~~||||~~

3/20

20

G.P.

~~RT~~

~~||||~~

~~||||~~

Central Road

Eyes

chicks

nets

~~||||~~

~~||||~~

~~||||~~

20

G.P. - ~~||||~~

~~RT~~ - ~~||||~~



1 Orange  
W. Runway 11/11 green campk  
area

Chicks

~~||||~~ ~~||||~~ ~~||||~~ | |||

Eggs

Nest

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

At

~~||||~~

G O

~~||||~~ ~~||||~~

140

Black ft

nest 1

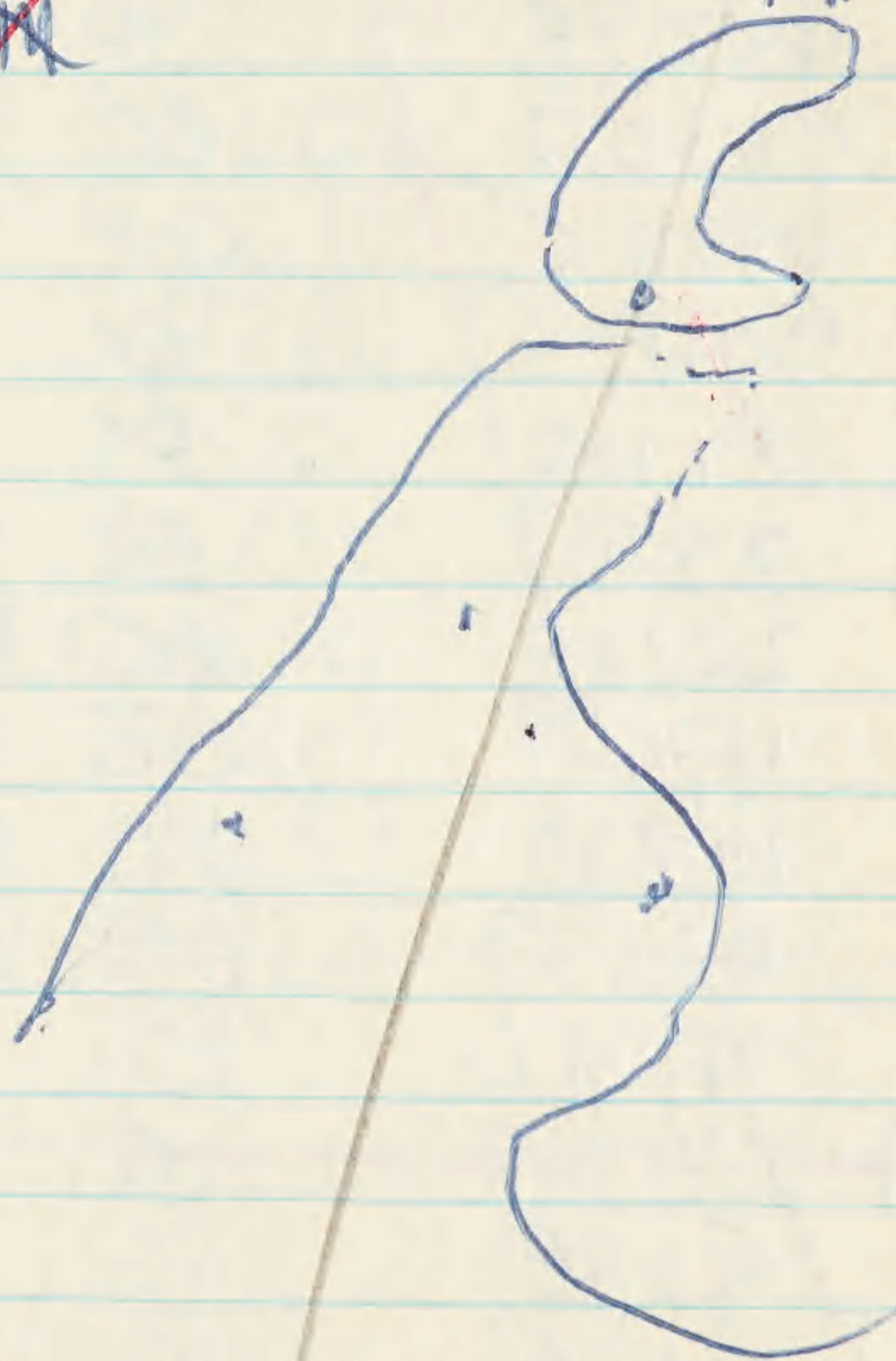
Gull Sand Pt 20th

~~354~~

~~255~~

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~

130





20 Feb C.R.  
Green

137	93542	OC	B+
1	90482	OC	B+
1	91092	OE	B+
1	98069	OE	B
1	45898	W	B+
1	91307	OC	D
1	45905	OC	B+
697	90495	OC	B+
1	22100	OC	B+
1	22097	OC	B+
1	22219	OC	B
137	47449	OE	B+
1	45910	OC	B+
1	93533	OE	B+
697	39316	W	B+
667	39747	OC	B+
137	90881	OC	B+
1	90881	OC	B+
737	94015	W	$\frac{1}{2}$ D

20 Feb

		(16)	W	D
737	45928		OC	B+
667	90466		OC	B+
<hr/>				
East Remembrance			Cepus Kells	
697	90670		W	B+
697	90679		W	B+
737	94674		OE	B+
	(17)	(18)	W	D
697	22401		W	B+
737	92171		OC	B+
1	90074		W	$\frac{1}{2}$ D
697	22361		W	B+
697	22297		W	B+
667	39721		W	B+
	(19)		W	B
667	39724		W	B+
	(20)		W	B
737	91797		OC	B+
697	22290		W	B+



East Runway 20 Feb  
Copper Kettle

697 22288	OC	Bt
737 45453	w	Bt
697 90696	w	Bt
737 93845	w	Bt
<del>667 39735</del>	<del>OE</del>	<del>B</del>
(21)	w	B
697 90724	OC	B
737 47196	OC	B
697 22224	w	Bt
737 93519	w	Bt
937 93520	w	Bt
<del>667 39691</del>	<del>OE</del>	<del>B</del>
(22)	w	B
697 90762	w	Bt
697 92175	w	—
(23)	w	B
(24)	w	Bt
<del>667 218</del>	<del>OC</del>	<del>Bt</del>
(25)	w	B
(26)	w	Bt

587 57031	OC	Bt
697 90597	w	Bt
1 22450	w	Bt
<del>667 39675</del>	<del>OC</del>	<del>Bt</del>
697 22197	OC	Bt
(27)	OE	Bt
737 45976	OE	Bt
(28)	w	Bt
<del>597 46329</del>	<del>OE</del>	<del>Bt</del>
(29)	w	D
(30)	w	D
737 98241	w	D
1 90054	w	D
(31)	w	B
737 45993	OC	D
(32)	w	B
(33)	w	D
(34)	OC	Bt
697 22631	OE	Bt
(35)	w	B



697-90795  
737 93843

(36)

737 60001

(37)

(38)

(39)

737 94791

1 94792

1 45492

OC B+

GC B+

w B+

w 1/2 D

OC B

w B+

w B+

w B+

w B

OC B+

22 Feb - C. rock

737 94040

737 94997

1 90472

1 92329

1 47412

697 90531

737 94508

1 47422

697 22087

(45)

697 90556

737 92028

1 90517

(46)

737 91079

1 92040

697 90672

737 93555

(47)

(48)

D

B

B+

B+

B+

B+

B+

B+

B+

B

B+

B+

B+

B+

B+

B+

B

B+

D

D



805 2131 L  
on egg

(49)  
(50)

737 91327  
1 90498

(53)  
(56)

737 94584  
1 97448  
697 90569

(52)  
41455

(59)  
(62)  
(64)

737 47475  
1 47436

(70)  
737 90886

(72)  
(73)

D  
B  
OC Bt  
OC Bt  
OC Bt  
Bt  
OE Bt  
Bt  
Bt  
Bt  
Bt  
Bt  
Bt  
OC Bt  
Bt  
D  
Bt  
Bt  
D

737 92361

(74)

94671  
92164  
93896

697 90391  
1 90394

697 22130  
1 90418

737 90916

(80)

697 22016

(81)

697 90415

(82)

737 93890

(87)

88  
737 92152  
(89)

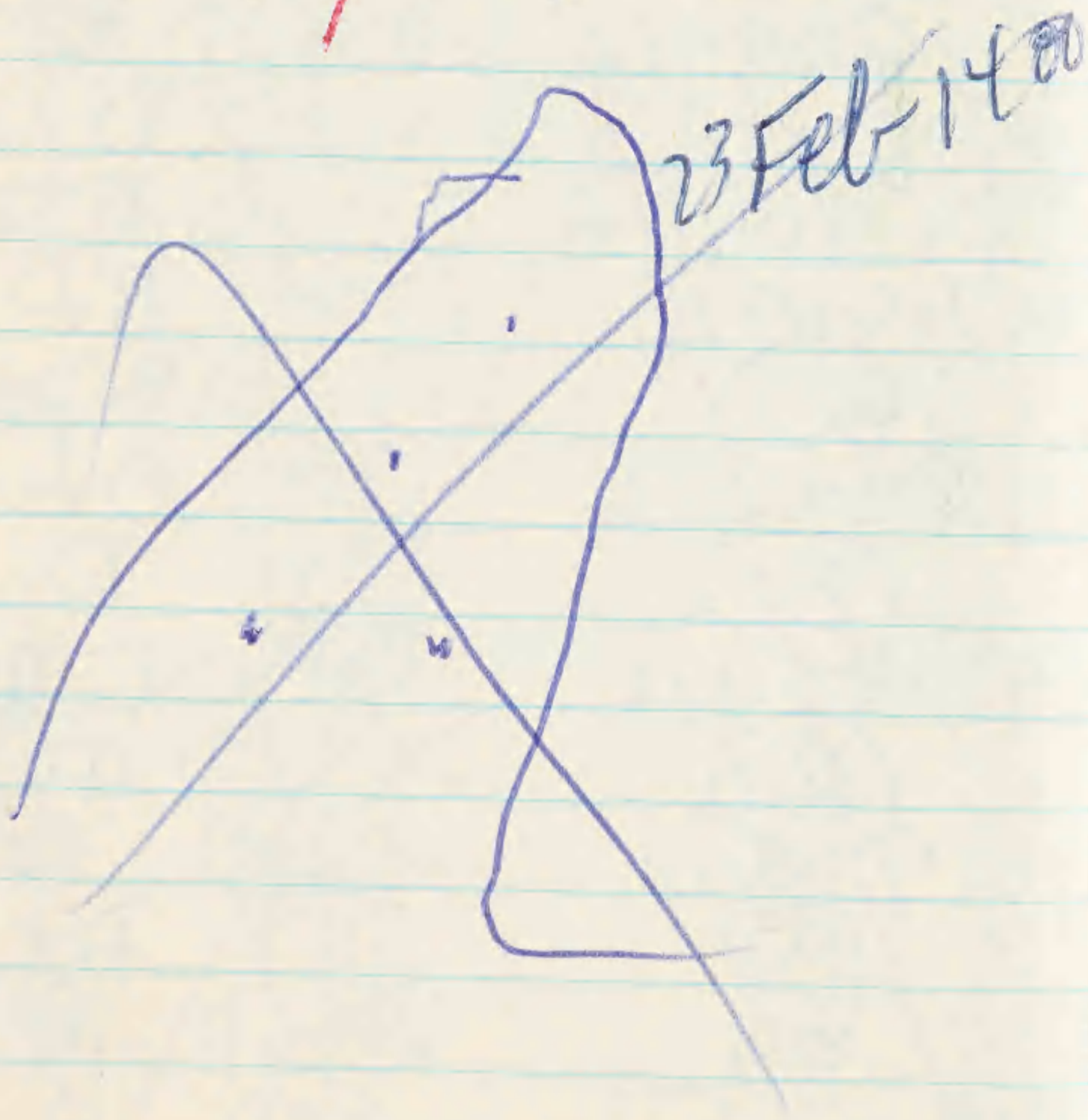
OC Bt  
Bt  
Bt  
B  
OE Bt  
Bt  
D  
D  
Bt  
Bt  
Bt  
D  
OE Bt  
D  
OC Bt  
Bt  
B  
B  
D



697 223 46  
(90)  
(98)

BT  
~~BT~~

~~100~~ D



Blackfoot Studies  
16<sup>30</sup> 23 24 25

1	u		
3	G		
5	G		
11	u		
14	G		
26	G		
21	u		
23	u		
24	u		
25	u		

K13 246 1800



23 Feb NAT

~~11661~~

~~697-22594~~

~~737-90334~~

~~1 90661~~

~~1 90335~~

~~1 90660~~

~~1 91663~~

~~1 92154~~

~~737 94101~~

~~1 90242~~

~~737 98207~~

~~02~~

~~03~~

~~04~~

~~10~~

~~467 39311~~

~~737 98209~~

~~1 93611~~

~~1 91121~~

~~D~~

~~Bt~~

~~B~~

~~Bt~~

~~Bt~~

~~D~~

~~Bt~~

~~1/2 D~~

~~1/2 D~~

~~Bt~~

~~B~~

~~Bt~~

~~D~~

~~D~~

~~D~~

~~Bt~~

~~Bt~~

~~B~~

~~Bt~~

~~Bt~~

~~11~~

~~737 91125~~

~~1 90024~~

~~14~~

~~1 91430~~

~~1 93576~~

~~697 90631~~

~~15~~

~~737 94763~~

~~12~~

~~1 94551~~

~~13~~

~~22~~

~~24~~

~~1 91888~~

~~23~~

~~25~~

~~27~~

~~24~~

~~29~~

~~Bt~~

~~Bt~~

~~Bt~~

~~Bt~~

~~Bt~~

~~Bt~~

~~Bt~~

~~D~~

~~Bt~~

~~D~~

~~Bt~~

~~Bt~~

~~D~~

~~D~~

~~Bt~~

~~D~~

~~Bt~~

~~B~~

~~D~~

~~Bt~~



24 Feb.

Berleze

Count C. R. & DAF

Band laysans

♀ 232

Baler 373

T - 2 1/2"

373

HF inside = 9" - 9 1/2"  
w 13"

F.F. 9 1/2"

Girth 23"

Curly black vibrice

Born day of 24 Feb

unblemished 17"

major pt. 4"

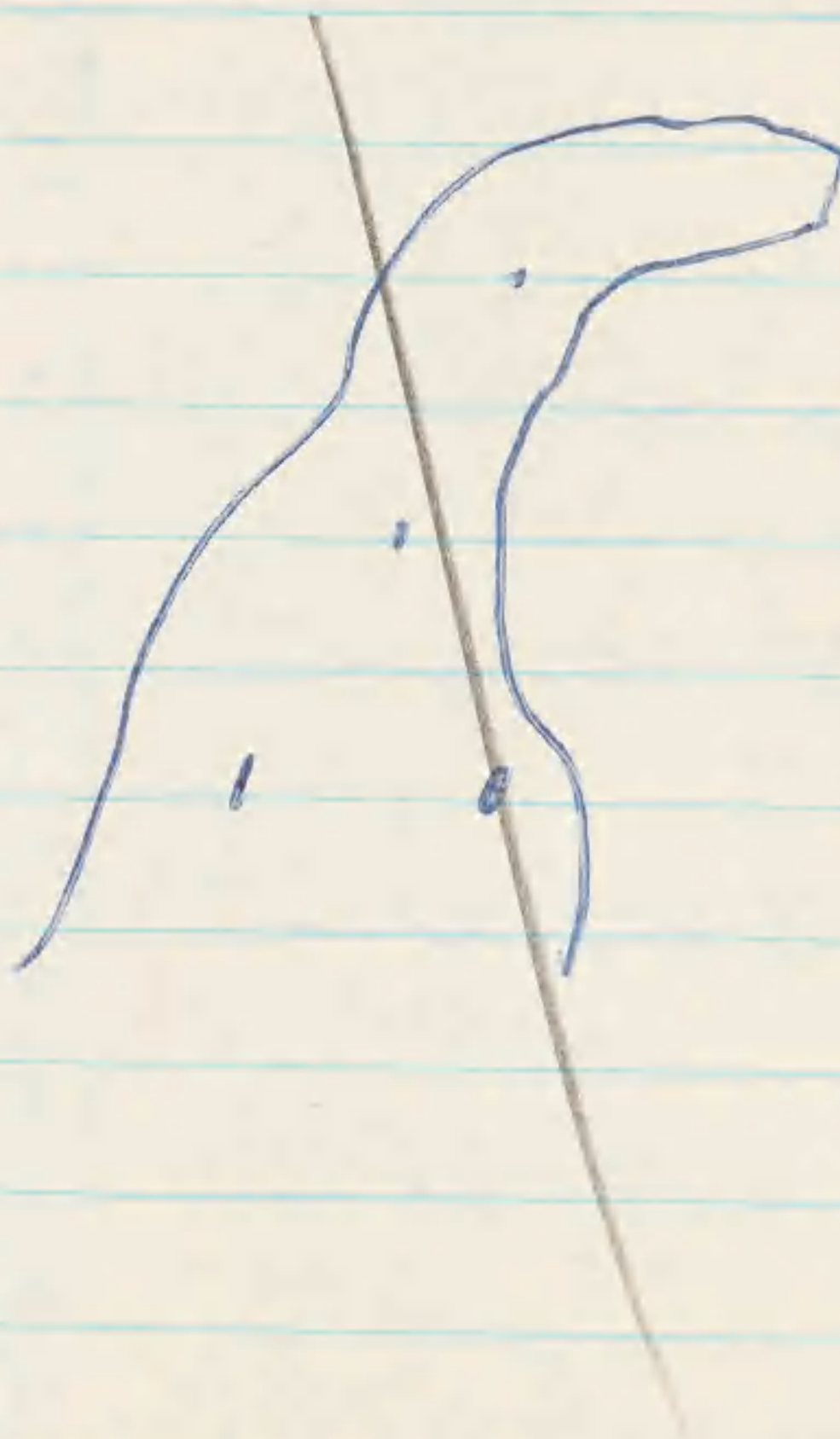
eyes open

No teeth

w + 37 lbs

TL = 40"

2/27





23 Feb SAR

737 92294  
1 92804

(31)

1 92270

1 47030

(30)

1 92280

1 91108

1 47045

1 91453

1 91505

(35)

(36)

(34)

(45)

(41)

✓ 597 51628

(47)

737 91010  
92020

B

B

B

B#

B

D

D

D

BT

BT

BT

B

D

1/2 D

BT

D

D

D

BT

737 47091 OE

1 90291

(46)

1 90416

(43)

1 94270

(53)

1 90782

1 91944

✓ 667 39263

(54)

737 92208

91870

90347

(52)

1 94703

(59)

(58)

(61)

BT

B

B

B

B

BT

D

D

BT

BT

B

B

BT

BT

D

B

D

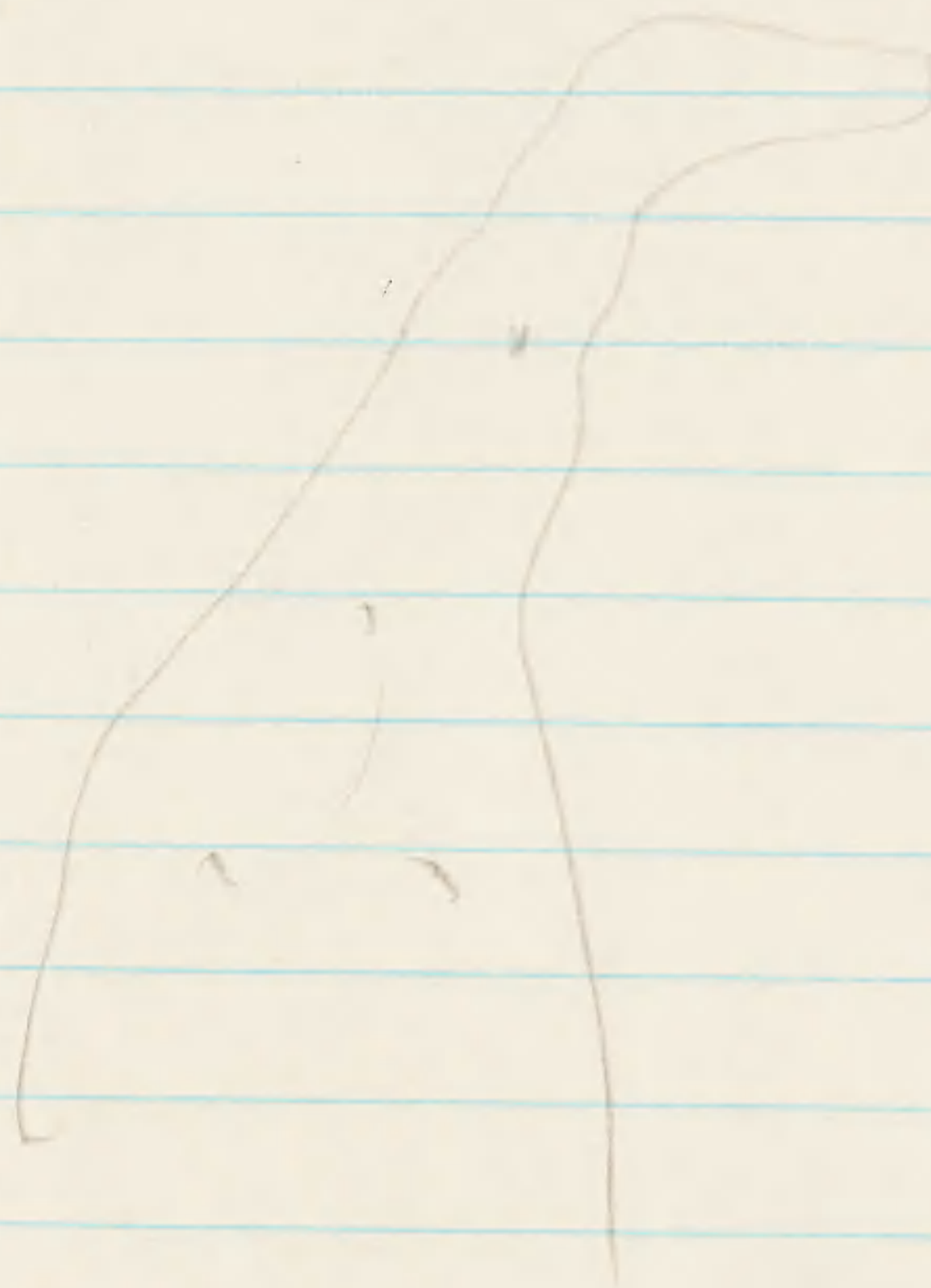
1/2 D

BT



1600

26 Feb





2 1 Mar 11 Today  
1800 out Bk

1 Mar.

Green 126  
— 56

182

Red 25

— 47  
— 2

or.

—



Recovery

737-91581 RF  
737-92461 RF

28th

Green area  
Col unpainted  
102 painted

Red

42 unpainted  
33 "

Green or.

118 unpainted  
109 painted  
227

RR Booby Egg

I Egg

I Egg

RFB

I Egg

I Egg

RF Egg

Im RF

RF

Salt Ad

I Egg

\*44 Lost

I Egg

RF

47

54 — Egg

55 — RF

56 Im RF

57 RF

58 RF



Reverry

737	91681	RFB
737	91981	RFB
737	91059	IV
737	30100	
737	45265	RF
737	91064	RF
737	45332	RF
737	98472	
667	39608	
697	77037	
737	90627	
737	90625	
737	91670	
737	98174	
667	39605	
737	99904	
667	35088	Laysan
737	18198	Brown
737	45429	Brown

Sooty Tern band

82	I Fug
83	I Fug
	RF
88	
89	RF
90	I Fug -
91	RF
92	RF
93	I Fug -
94	
95	
96	
97	
98	RF
99	
137-92900	Laysan



59

I Frug

60

I Frug

61

I Frug

62

I Frug

65

"

66

"

7

"

8

"

69

"

70

"

71

"

72

"

73

RF

74

RF

75

RF

76

RF

77

RF

78

Frug

79

"

80 }  
81 }

RF

737

928011

1

I Frug

2

" "

3

" "

4

RFB

5

Frug Im

6

" "

13

" "

14

RF

15

RF

16

I Frug

17

RF

18

Im B RF

19

Frug Im

20

Im Frug

21

RF

22

RF

23

RF

24

RF

25

I Frug

26

"

27

"

28

"

29

RF

30

RF



737

90156

R F

798 638

98406

737

737-91064

587 57088 Red

Bonnie 773 18176







73-222-0078  
FEDERAL SUPPLY SERVICE



KURE

Memoranda

AN  
KURE  
SON



Anderson

---

Kune

✓ADP

CPH

Done ✓



55

at  
at

pe

ft



(165) 28.5  
 470  
 330  
 1400  
 200

Laysan  
 NAF SAF

2-19-65  
 S-R-A

✓ 737-91454	d
✓ 667-39753	b+
<u>737-93401</u>	b+ OE
✓ 697-22508	b+ ch (natl)
02	d
03	b+
✓ 697-22441	b+
04	d
✓ 587 57907	b+ red on rope OE
05	d
✓ 737-91442	b+
✓ -91445	b+
✓ 587-57217	b+ red on left
✓ 737-93805	b+
✓ -92274	b+
06	b
✓ -91264	1/2 d
✓ -90764	b



Laysan 2-19-65  
SAF ~~SAF~~

✓ 697-79479 6  
✓ 737-47035 b+ ~~b+~~

07 1/2 d

08 "

✓ -91110 b+

09 b+

10 d

11 d

12 1/2 d

13 d

14 d

15 d

✓ -91506 b+ OE

✓ -92266 b+

✓ -90763 b+ OE

✓ 697-22498 b+

✓ 737-45783 b+

✓ 587-57090 red on left b+

✓ 737-91111 b

✓ -47076 b+

Laysan  
2-19-65  
SAF

✓ 737-90766 b+

✓ -47080 b+

16 b+ ~~b+~~

17 b w/ch

18 1/2 d

19 b+

✓ -91507 d

✓ 697-22706 b+

✓ 737-90767 b+

✓ -93586 b+ w/ch

✓ -98271 1/2 d

✓ -91526 1/2 d

✓ -91912 b+

✓ -47027 w/ch b+

✓ 697-22649 OE b+

✓ 39260 w/ch b+

✓ 90635 b+

✓ 737-94897 b+

✓ -91531 b+



Laysan  
2-19-65

SAF (orange)

✓	697-90625	w/ch	b+
✓	737-94538	OE	b+
✓	-91484	OE	b+
✓	667-35426		b+
✓	697-90614		b+
✓	737-45807		b
✓	-98093		b
	20		b
	21		d
	22		1/2 d
✓	-92197		d
✓	597-46088	gel on right	b+
	23		b+
✓	<del>697-46088</del> 39252		b+
✓	737-98207		b
✓	-46051		b+
✓	-90033		b
	24		d
✓	-90005		d

Laysan  
2-19-65  
SAF

✓	737-92302		b+
	25		d
✓	-90001		b+
	26		d
	27		d
✓	-90275		1/2 d
✓	697-22643	OE	b+
✓	587-66779	gel on right	
✓	737-90281		b
✓	-94542		1/2 d
✓	-94250		b
	28		1/2 d
	29		b
	30		1/2 d
✓	-94246		b+
✓	-90283	OE	b+
✓	-94260		b
✓	597-52205		d
	<del>28</del>		<del>1/2 d</del>



Laysan  
2-19-68  
NAP

31	b
✓ 667-39262 w/ch	st
✓ 737-90258	b+
✓ -91202	b
✓ -90261	b+
✓ -98223	b
✓ -91867	1/2 d
✓ -98224	b
32	1/2 d
✓ -90263	b+
✓ 697-22862	b+
✓ 667-35097	b
✓ 737-90855	b
33	d
✓ -92113	1/2 d
✓ -98021	b+
34	1/2 d
✓ 697 22687	b+
35	

Blue-faced Soos 1697 24508  
20' S. Stake 28

Laysan 2-19-65 BAF

✓ 737-93132	b+
✓ -94990	b
36	d
37	1/2 d
38	b+
✓ 667-35093 w/ch	b+
✓ 737-90333	1/2 d
45685	1/2 d
✓ 667-35380 blue-right	b+
✓ 697-24535	b
39	1/2 d
✓ 737-94729 w/ch	b+
✓ 667-35092	1/2 d
✓ 697-22885	b+
✓ -35364 blue right	
✓ 737-90394	b+
✓ -90391	b+
✓ 667-35369 blue on right	b+



Laysan  
2-19-65  
NAF

✓ 737-90600 b  
✓ -94929 w/ch b+

✓ -94931 w/ch b

✓ 582-27095 blue <sup>w/ch</sup> right b+

✓ 737-92130 b+

✓ 667-39301 Q

✓ 737-91403 b+

40 Q

✓ -91818 OE b+

✓ 697-90217 b+

✓ 737-90589 b+

41 OE b+

42 OE b+

43 2d

✓ -91834 b

~~OE b+~~

✓ 667-39251 b+

✓ 737-90423 b

✓ 667-39227 b

Laysan  
2-19-65  
NAF

✓ 697 90239 d

✓ -90238 w/ch b

✓ 739-90730 b+

44 1/2 d

✓ 697-22832 b

✓ -90253 w/ch b+

45 d

46 d

✓ 737-90683 d

✓ -90457 b

✓ -90454 b+

✓ -90691 b+

✓ -98018 b

47 b

✓ -91646 b+



Laysan  
2-19-65

Cent root

(blood  
taken)

✓ 737-91090

✓ -94606

✓ 697-90526

✓ 737-94608

✓ -98246

✓ -92073

✓ 92216

✓ 697-22302

✓ 597-45493 yellow on right

✓ 737-47366

✓ -45901

✓ 667-39302

✓ 697-90577

✓ 597-69520 M

✓ 737-98029 X

✓ -47388 X

✓ -94262 X

✓ 597-46457 M yel right

✓ 737-91091 X

Laysan 2-19-65

Cent root

Blood

✓ 737-93691 X

✓ -91894 X



2-19-65

Cent 1000

737-90518 OE b

~~82 b+~~

-93665 OE b

~~88 d~~

~~83 b~~

~~87 d~~

-98096 b

92242 d

-90494 d

667-39441 d

737-47356 b+

~~86 d~~

597-27094 d

697-90511 d

~~85 b~~

737-98073 1/2 d

-91148 b+

~~84 d~~

~~80 d~~



2-19-65

(ent. room)

737-98263

5

~~79~~

~~2~~

-47345

6

697-22234

2

737-92349

2

~~81~~

~~2~~

-92262

2

737-94003

2

~~92202~~

~~5~~

-94832

6

~~01~~

~~5~~

~~08~~

~~6+~~

-93071

2

-92351

6+

-98080

1/2 d

-94694

5+

~~98245~~

~~6~~

	GP	RT	WT	S	C	Laysan nests	Blackfoot Nest	Walker B.foot
W.B.	11/1	11/1	6	11/1		108	79	92
<del>W.B.</del>		<del>11/1</del>						
E.B.	11	11/1	10	1				
<del>E.B.</del>		11/1						
N.Pt.							1	11/1
S.Pt.	1	11/1						

On nest: 11

Laysan nest ~~11/1~~ 11/1<sup>20</sup> 11/1 11/1 11/1  
~~11/1~~ 11/1<sup>20</sup> 11/1 11/1 11/1 11/1 11/1  
 11/1 11/1 11/1 11/1 11/1 11/1 11/1

Blackfoot nest 11/1 11/1 11/1 11/1 11/1  
 11/1 11/1 11/1 11/1 11/1  
 11/1 11/1 11/1

Black-foot vetter 11/1 11/1 11/1 11/1 11/1  
 11/1 11/1 11/1 11/1 11/1  
 11/1 11/1 11/1 11/1 11/1  
 11



Fred <sup>marked</sup> ~~Seal~~ <sup>Seal</sup> K16  
 1247 ~~Seal~~ <sup>Seal</sup> missing  
 Layse net ~~XXXXXX~~  
 Mad net ~~XXXXXX~~  
 Mark with ~~XXXXXX~~

1 seal scarv untaged K13  
 1 seal swimming → N. pt. K13  
 #263 appears pregnant Scarv K13-14  
 1 seal untaged Scarv K13-14  
 " " K14

✓ #283 ♂ Scarv K15-16

1 seal untaged - very fat - Scarv K16

✓ #357 Scarv K17

✓ #208 Scarv K17

1 unmarked Scarv K18 ♀

#239 K-18-19 ♀ Scarv fat

Fairy tern K14 Scarv

1 unmarked Scarv K20 ♂

" " " K28-29

" " " K29

1 seal ♂ " K30 tag broken

1 Black foot w/ no foot - leg to ankle  
 737-92427 good wind he walks on

W. Seal 1 Seal swimming S along bay  
 ↑ #270 ♀ appears pregnant Scarv K-10-11  
 ↓ #347 N. pt. Scarv untagged for  
 K. pt. over a minute.

#298  
 #228 together  
 #27 (5, 6 or 8)  
 #226 bad shark wound  
 - unmarked

1 <sup>imm</sup> gull - still dark tip, light base

pt. 7 seals - couldn't read, escaped

N. #359

E Seal

1 untaged Scarv K33



W Seal

- ✓ #371 Seal S.p.r.
- ✓ #372 " "
- 1 Untagged Seal K46
- ✓ #232 Seal K48
- ✓ #295 Seal
- ✓ #351 " "

1 Trope bird w/egg K47-48

2-23-65

NAF

- ✓ ~~737-92305~~ Lt
- ✓ ~~90307~~ Lt
- ✓ ~~45880~~ d
- ✓ ~~94106~~ d
- ~~07~~ d
- ~~08~~ d
- ~~09~~ Lt
- ✓ ~~667-39351~~ d
- ✓ ~~737-90274~~ d
- ✓ ~~46064~~ Lt w/ch
- ~~16~~ b
- ✓ ~~91530~~ Lt
- ✓ ~~91123~~ b
- ✓ ~~91122~~ Lt
- ~~17~~ b
- ~~18~~ b
- ✓ ~~91219~~ Lt
- ~~19~~ Lt
- ✓ ~~47083~~ b



2-23-65

NAF-SAF

✓ 73791515 -

✓ 47056

~~20~~

~~21~~

~~28~~

✓ 47071

✓ 94245

✓ 91115

✓ 91127

✓ 90756

✓ 91027

✓ 47024

✓ 98273

✓ 91105

✓ 91503

~~32~~

✓ 94284

37

~~38~~

b

d

d

d

d

d

bt

b

1/2d

bt

1/2d

b

bt

1/2d

b

d

1/2d

1/2d

2-23-65

SAF

✓ 73791112

~~39~~

✓ ~~93803~~

~~40~~

~~44~~

~~45~~

~~46~~

✓ ~~90046~~

✓ ~~98091~~

✓ ~~98078~~

~~50~~

✓ ~~667-39758~~

✓ ~~647-22709~~

✓ ~~90830~~

~~55~~

✓ ~~737-90225~~

✓ ~~43623~~

~~56~~

~~93595~~

1/2d

d

bt

bt

d

d

d

bt

1/2d

1/2d

d

d

d

bt+1/2d

d

bt

b

1/2d

bt

Born in 793-20490



2-23-65

NAF SAF

✓ 737 47070	b+
✓ 92298	b+
✓ 94284	b
✓ 90870	d
✓ 57	d
✓ 91431	b
✓ 667-35496	b
✓ 737-90260	1/2 d
✓ 60	d

2-24-65

Cent road

<u>737-94317</u>	b+
15	d
697-22101	b+
737-98035	b w/d
- 98258	d
- 91718	b
20	d
14	d
- 98037	b
19	d
16	1/2 d
- 93874	b+ wkh
- 47271	b+
- 92354	d
18	b+
11	d
12	1/2 d
13	d
40	d



Cent root  
2-24-65

<del>42</del>	d
<del>48</del>	d
<del>51</del>	d
<del>98056</del>	1/2 d
<del>49</del>	d
<del>43</del>	d
<del>46</del>	d
<del>91268</del>	b
<del>98265</del>	1/2 d
<del>98268</del>	b+
<del>44</del>	d
<del>52</del>	d
<del>98267</del>	1/2 d
<del>94905</del>	b
<del>98072</del>	1/2 d
<del>50</del>	d
<del>93558</del>	b
<del>45</del>	d
<del>98089</del>	1/2 d

2-24-65

Cent root

<del>737</del>	<del>98272</del>	b
<del>587</del>	<del>56009</del>	1/2 d
	<del>22</del>	b
<del>737</del>	<del>94767</del>	b
	<del>93502</del>	b
	<del>98067</del>	1/2 d
	<del>90490</del>	d
	<del>92501</del>	d
	<del>47401</del>	OE b+
	<del>91508</del>	d
	<del>92103</del>	OE b+
	<del>94858</del>	d
	<del>91109</del>	b
<del>667</del>	<del>39667</del>	d
	<del>39752</del>	d
<del>737</del>	<del>47359</del>	d
	<del>93664</del>	b
	<del>23</del>	b+



2-25-65

seal  
360 K31

E beach

737-45994	OE	b
<u>737-944-27</u>	get on right	b
<del>19</del>		1/2 d
<del>90049</del>		b
<del>697-22434</del>		b+
<del>737-92170</del>		d
<del>20</del>		b
<del>697-90794</del>		b+
<del>667-39279</del>	OE	b+
<del>937-45990</del>		d
<del>91260</del>		b
<del>26</del>	OC	b+
<del>23</del>		1/2 d
<del>667-35203</del>	blue on right	b+
<del>737-94770</del>		b+
<del>45875</del>	OE	b+
<del>41752</del>	OC	b+
<del>92162</del>		1/2 d
<del>47194</del>		b+



2-25

E bead

<del>22</del>	b
<del>21</del>	b
<del>25</del>	d
45	d
47	d
48	b
<del>737 45927</del>	b
<del>93601</del>	b
55	1/2 d
<del>12039</del>	d

9

2-25

SAT NAF

<del>737-93802</del>	b+
62	d
65	d
68	d
<del>98284</del>	d
<del>91911</del>	d
<del>697 71245</del>	d
71	b
72	d
74	b
<del>547 46160</del>	d
737 92109	b



2-26

3 aulens

NAF

(737 94477) 6+

90429 6

90456 5

90432 6

90672 6+

667-39465 d

737-98229 d

- 93635 6

94261 6+

697-22655 6+

78 d

79 1/2 d

80 d

597-45670 yel. on right 1/2 d



2-26

Cent. Power

~~81~~

~~D~~

~~697-90329 DC~~

~~d~~

~~82~~

~~2~~

~~697-90349~~

~~737-90535~~

~~5+~~

2/26

N. Beach Blue

~~697-90945~~

~~5+~~

737-96001

~~d~~

~~02~~

~~5+~~

~~08~~

~~d~~

~~697-90922~~

~~5~~

~~737-91611~~

~~5~~

~~09~~

~~10~~

~~5+~~

~~11~~

~~DC~~

~~5+~~

~~91018~~

~~DC~~

~~5+~~

~~12~~

~~b~~

~~13~~

~~5+~~

~~14~~

~~2~~

~~15~~

~~d~~

~~16~~

~~2~~



T bird on ground: ~~IX~~ ~~IX~~ 1

W B

W beach

605 21100

N. pt.

Laysan nests ~~IX~~ ~~IX~~ ~~III~~ ~~IX~~ ~~IX~~  
~~III~~ ~~III~~ ~~III~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~  
~~IX~~ ~~III~~ ~~III~~ ~~IX~~ ~~IX~~ ~~IX~~ = 94

Blackfoot nests ~~IX~~ ~~IX~~ ~~III~~ ~~III~~ ~~IX~~  
~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~III~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ = 68  
+ 22  
90

Blackfoot walkers ~~IX~~ ~~IX~~ ~~IX~~  
~~IX~~ ~~IX~~ ~~IX~~ ~~III~~ ~~III~~ ~~IX~~ = 48  
+ 20  
68

RT GP S  
5 III 1  
~~IX~~  
III

94 14.05

94 190.00  
846  
540



Seals - 1 swimming w beach

W beach  
 #274  
 #232 beach KYG  
 #319  
 #371  
 #372  
 #361  
 South point

S pt.

Laysan nests - ~~||||~~ = 6  
 Blackfoot nests - ~~|||||~~ = 3  
 " walker - ~~|||||~~  
 GP - ~~||||~~ = 10  
 RT - ~~||||~~  
 WT - 1

E beach Laysan nests -  
 Blackfoot nests ~~||||~~  
 " walker ~~|||||~~  
 GP 11  
 RT 1

2-27  
 25 2400  
 245  
 150

111 Parytem

Binding  
 737 960 25

d w beach  
 22 b OE "  
 23 b+ OC "  
 24 b+ OC "  
 25 b+  
 26 d  
 27 b  
 28 b+ OC  
 29 1/2 d  
 30 OC b+

E beach

Laysan nests - ~~|||||~~ (25)  
 Blkft nests - ~~|||||~~ (28)  
 " walker - ~~|||||~~ (18 and of runway)  
 RT - ~~||||~~  
 GP - 11  
 WT - 1

37  
 128  
 155  
 68  
 54  
 122



E beach - seals

Unmarked - III

Unable to read - III

✓ #215 Seal

N pt. - seals

✓ #306 bead pregnant

✓ #275 " no. badly worn

✓ #259 w/unnatural

✓ #357

~~Nor marked II~~

~~Unable to read III I~~

N pt.

Lay san rest

Blackfoot rest I

II

Walden ~~III~~ ~~III~~ I

~~RT~~

~~III~~



3-11-65  
Cent. Roost

85 d

86 d

84 d

82 d

↑ ~~697-02580~~

GR ~~587-66586~~

E. lum ~~597-46287~~

~~737-49165~~

~~597-48612~~ yel rt.

~~737-94667~~

~~667-39710~~

~~737-39662~~

~~91248~~

~~94285~~

~~587-66389~~

~~737-91719~~

~~697-90793~~

~~737-94797~~

~~93645~~



3-11-65

~~E. Runway~~  
~~737-91720~~  
~~667-39632~~

W lead

Unmarked 1

1 large black foot x w/  
not shot around

W beads

Laguna ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ = 98

B/ack ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

~~||||~~ = 79

RT ~~||||~~ ~~||||~~ ~~||||~~ = 13

SP ~~||||~~ = 4

#226 { 232  
Unm. 1 { 313



N pr

Black 1

Sooty 2 Noddy 2

RT 11

Seals 11

#358

GP ~~2~~ 2 = 8  
LT 3, III = 7

{300 {371 256 w/pup  
225 {374

Laysan ~~II~~ II = 7  
Black III = 3

E Seaw

Laysan ~~II~~ ~~II~~ ~~II~~ ~~II~~ ~~II~~  
II = 27

Black ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ ~~IX~~ = 25

WT II = 2

Cur I = 1

19

RT ~~II~~ II = 7  
GP I = 1

Seals ~~II~~ 287, 376 K15

~~II~~ 347 K17 S.

K32  
unm.  
pup

296 K28 S



# Brigade

Roost 290  
 Beach 15  
 Quay Line 15  
 In Air 21

~~200~~  
 241

# Red-foots

Roost 149  
 Air 16

165

3/14/65

NAF-SAF

~~737-91990~~

~~587-57913~~

~~667-44640~~

~~-39474~~

~~597-45853~~

~~737-91462~~

~~-45784~~

~~597-83999~~

~~737-93624~~

~~697-39303~~

~~667-39426~~

~~697-71069~~

~~587-36473~~

~~737-93616~~

~~667-39791~~

~~587-36609~~

~~667-35099~~

~~-39399~~

~~737-90306~~



2-14-65

UAF

~~757-91401~~

Plover w/ black on breast  
1:30 96 OTB

w/ black

Lag ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ || = 102

Black ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
= 85

RT ~~||||~~ ~~||||~~ ~~||||~~ |||| = 19  
GP |||| = 3  
~~Ned 1~~

Sand 15 - 10 Little Sand 4  
272 + 1 egg page K-51

361

270 & K-47

Unmarked 1

363 K-47

371 yellow around vulva, thin + weak K-10

374





Black N-pt  
1  
RT IIII  
S II

# 235  
# 251  
# 249

Ept  
263  
224  
247  
300 (+pup)  
dun III  
350 + pup  
289 + 380  
256 + tagged + 3  
354  
Lays INK II  
March III



Lay ~~NI~~ ~~NI~~ ~~IX~~ ~~IX~~ ~~IX~~ !!

GP ~~MX~~ 115-4

376 ✓ K-31 50

L 312 ✓ 302 K-34 312 ✓ K-17

~~369~~ Sc K16-17      ~~343~~ K-19 Sc

200 Se pres w/ 0<sup>3</sup> K-14-15

~~(359) S<sub>2</sub> K-14~~      ~~(360) S<sub>2</sub> K-14~~

Misc ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

19 1400

70 1800

1500

22 1300



3-23

Com. Nod

793-96552

VADP

✓

3-23-65

Cent. Room

~~667-42870~~

~~737-72625~~ Fisher

~~-92032~~

~~-91297~~

~~667-39080~~

~~-39083~~

~~737-92292~~

~~697-90347~~

~~737-98086~~

~~-91394~~



Chrismis 15

~~514-76617~~  
28

Seal pup  
mother # ~~267~~ untagged  
FF 9" HF span 13 1/2"  
inside 9 3/4" outside 10"

Girth 23"

TL 410"

Tail 3"

Sex woman

weight 30\*

tag # 386

umb - raw and 8" long.



new pup # 387  
mother # 263

FE =  $9\frac{1}{4}$   
HL span  $12\frac{1}{2}$ "  
inside 9"  
outside  $9\frac{1}{4}$

Girth  $23\frac{1}{2}$ "

TL 40"

Tail  $2\frac{1}{4}$

Weight # 40#

sex another girl



~~NAF 2-25-65~~

~~737-94263~~

~~697-22834~~

~~737-90720~~

~~-90722~~

3-26-65

~~CONFIDENTIAL~~ E Runway

~~737-91262~~

~~597-46368 yel. rt~~

~~46489 yel. rt~~

~~W Search~~

~~697-22061~~

~~737-47304~~



3-27-65

W beach

Laysan III IIII = 93

III III III III III III

III III III III III III III

Blackfoot

III III III III III III III III

III III III III III III III III

= 83

GP IIII = 10

RT III III III III IIII = 29

~~263 + 387 - K-15~~

~~N-149 + 386 K-46~~

~~293 + untagged pup~~



3-27-65

N. Seach

Black 1

RT 11

Gray-Sacked tern 6

Eels 5 1

SPT  
Lay 11X11  
Black 111

~~256 + 374~~

~~284 + 382~~

~~300 + 380~~

~~356 + 381~~

3-27-65

E Seach

Laysan 111 111 111 111 111 1

Black 111 111 111 111 111

RT 111

OP 1

Com mod 1

~~284~~ 1 K-36

~~377 + 378~~

~~38~~ - 111 111 111 K-24

~~289~~ Se K-14 Antagged 111 111

~~317~~ black K-13



# 373

238

146

92

Wt 92

Mother 232

FF. - 10"

HF - Is. : 10

OS. 11 1/4"

span 14"

all upper Canines + incisors  
lower " " canines

41.5 - TL

G 34.5

+ 2 1/2



Mother  
293

pup 397 ♂ 40 lbs.

FF -  $9\frac{1}{2}$

HF - 9

OS -  $9\frac{1}{2}$

Span  $12\frac{3}{4}$

T - 3

TL - 41

G -  $23\frac{3}{4}$

umbilicus broken off  
but not healed

2-28-65

~~398 A ♀ mother of 387~~

~~263 Mother of 387~~

~~356 w pup 381~~

381

46 lbs

FF -  $9\frac{1}{2}$

HF is -  $9\frac{1}{2}$

OS - 10

Span 13

T - 3

TL - 42

G - 25

No teeth



Mother 300  
pup 380  
71 lbs

FF -  $9\frac{1}{4}$

HF is -  $10\frac{1}{4}$

os - 11

Span 13  $\frac{1}{4}$

T - 3  $\frac{3}{4}$

TL -  $45\frac{1}{2}$

G -  $29\frac{1}{2}$

No teeth

Mother 289  
382 pup  
47 lbs

FF 9.5

HF is  $9\frac{1}{4}$

os  $9\frac{1}{2}$

Span 12  $\frac{1}{4}$

TL -  $41\frac{1}{2}$

T - 3

G - 25

No teeth



228

144

84 lbs

ump 379

HR is 9 3/4

OS 10 1/4

Sp 13 3/4

T 2 3/4

FF 9 3/4

TL 47

G 31

molar 256

No teeth

384, 385

3-28-65

SAF - NAT

~~737-92284~~

~~98285~~

~~667-39448~~

~~737-98124~~

~~612-69693~~

~~92116~~

~~697-22814~~

~~737-93696~~

C.R.

~~667-39442~~

~~-39458~~



3-28

Wedgetail

~~615-09227~~

~~-08643~~

~~605-21359~~

~~615-08649~~

~~-09693~~

~~09987~~

~~605-21530~~

~~-21125~~

~~615-08421~~

~~625-88661~~

~~605-12788~~

~~615-08317~~

1 Bonin  
1 Black foot ch island

4/3/65

Astro

W beach

Lays ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ = 104

Black ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~  
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

= 82

RT ~~||||~~ ~~||||~~ ~~||||~~ = 13

GP ~~||||~~

WT ~~||||~~

S ~~||||~~

~~||||~~

~~293 + 297~~

~~283 + 287~~

~~298 K-8~~

226 wound not out, healed K-8 b

~~232 + 273~~ K-6 2 yon

Seals ~~||||~~



N. pt  
Black 11

Com mod 20

RT 111

B 5005 5

GP 11

Sc cl's 1111 # 3145

Spt.  
Lays 7

Black 3

GP

RT 1111

Com mod 19

289 + 382

256 + 379

279

Seals 1

350 + 381

384 + 381 No.

300 + 380

307 + 380

207

450 + 401

E beach

Lays ~~1111~~ ~~777~~ ~~111~~ ~~111~~ ~~111~~ 27

Black ~~111~~ ~~111~~ ~~111~~ ~~111~~ 27

RT ~~111~~ ~~111~~ ~~111~~ 20

GP 11

Gray-Sacks 2

Fairy tern over island & feeding ~~111~~ 11

Blue gray mod 3 6

317 + 348

276 Sc

317 + 349

~~289 + 386~~ K-18 lagoon

208 b K-14

358 b K-13

Seals ~~111~~ 1111



4-7-65

WAF

Wedgetail

~~625-88697~~

~~605-21539~~

~~615-08828~~

~~605-21542~~

~~615-09372~~

~~-09508~~

~~-09119~~

~~-09376~~

~~605-21558~~

~~615-09510~~

~~605-21115~~

~~625-88636~~

~~615-08326~~

~~-09111~~

~~605-21144~~

~~-21560~~

~~615-08323~~

~~-09534~~

~~625-88640~~



4-7-65

Wedgetail NAF

~~615-08836~~

~~605-21652~~ At 71

~~615-08834~~

~~-09924~~

~~605-21126~~ At 7?

~~-21127~~

~~-21591~~

~~625-88660~~

~~605-21806~~

~~-21805~~

~~-21113~~

~~-21522~~

~~615-09921~~

~~-09912~~

~~-09128~~

~~605-21519~~

~~625-88627~~

~~-88670~~

4-7-65

Brown booby NAF

~~611-70925~~

~~Lancan~~

~~787-98025~~

Wedgetail

~~605-21135~~

~~615-08717~~

~~-08386~~

~~-09954~~

~~-09851~~

~~605-21589~~

same bird { ~~615-08341~~ it.

~~585-52234~~ 1. almost worn away

~~605-21543~~

~~615-09561~~

~~-08229~~

~~-09581~~

~~-08228~~

~~-09582~~



4-7-65

Wedgetail NAF

~~615-09578~~

~~-08873~~

~~-08224~~

~~-08865~~

~~-08743~~

~~-08381~~

~~-08743~~

~~-09242~~

~~-08274~~

~~-08277~~

~~605-21536~~

Same  
burrow

~~-21622~~

~~-21623~~

~~615-09408~~

~~-09878~~

~~-08281~~

~~605-12803~~

~~615-09403~~

~~-09410~~

4-7-65

Laysan NAF

~~737-91841, 697-24538~~

~~-91846 737-46072~~

Wedgetail

~~605-21625~~ } same  
burrow

~~-21624~~

~~-21700~~

~~-21696~~

~~-21697~~

~~615-09412~~

~~-09189~~

~~605-21897~~

~~-21685~~

~~21661~~

~~21655~~

~~615-08641~~

~~-08173~~

~~605-21888~~

~~-12857~~

~~-21791~~



4-7-65

Laysan NAK

~~737-91823~~

~~667-39454~~

~~737-92054~~

~~-90341~~

~~-91850~~

4-7-65

Wedgetail

~~615-09867~~

~~-09859~~

~~-09858~~



30  
0645-645  
4-8-65

in flight

356 { 228 in Roost  
58 on guy wire  
70 in air

160 ~~160~~ RFB in Roost  
22 in air

182 RFB

Fig 34 ad 20 imm

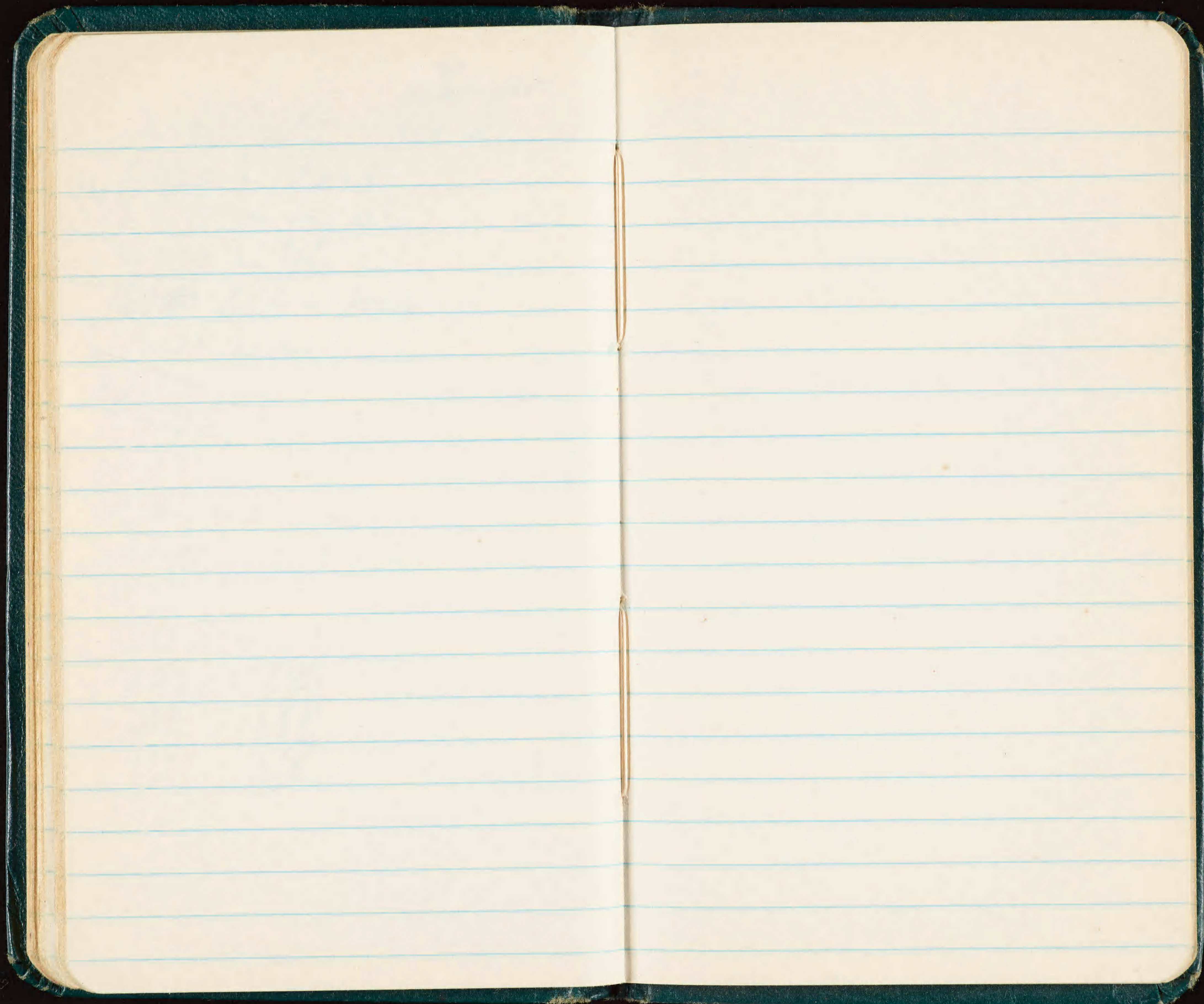
RFB 152 ad 2 imm

154  
182  
336

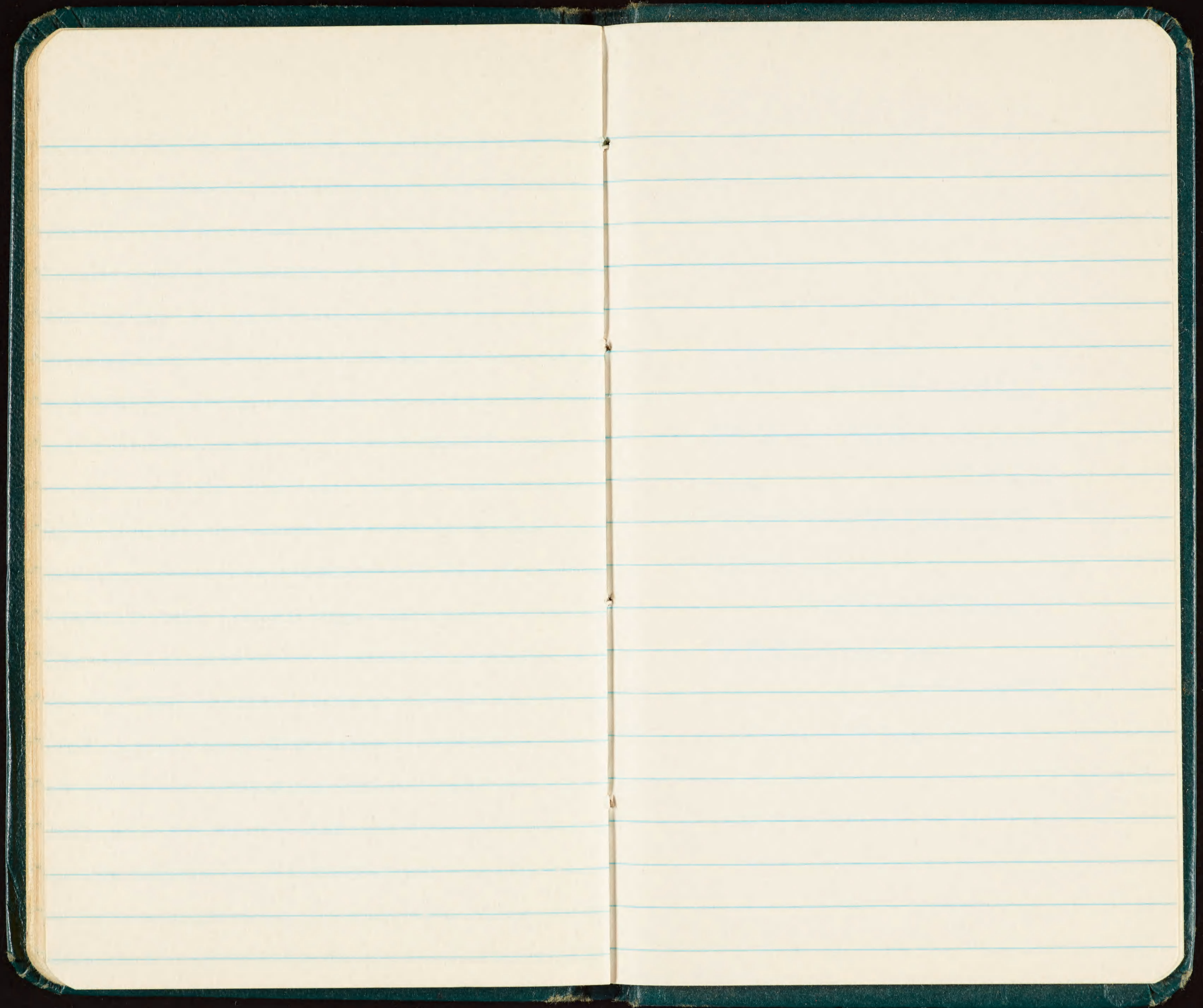
~~154~~  
~~182~~  
~~336~~

54  
356  
410

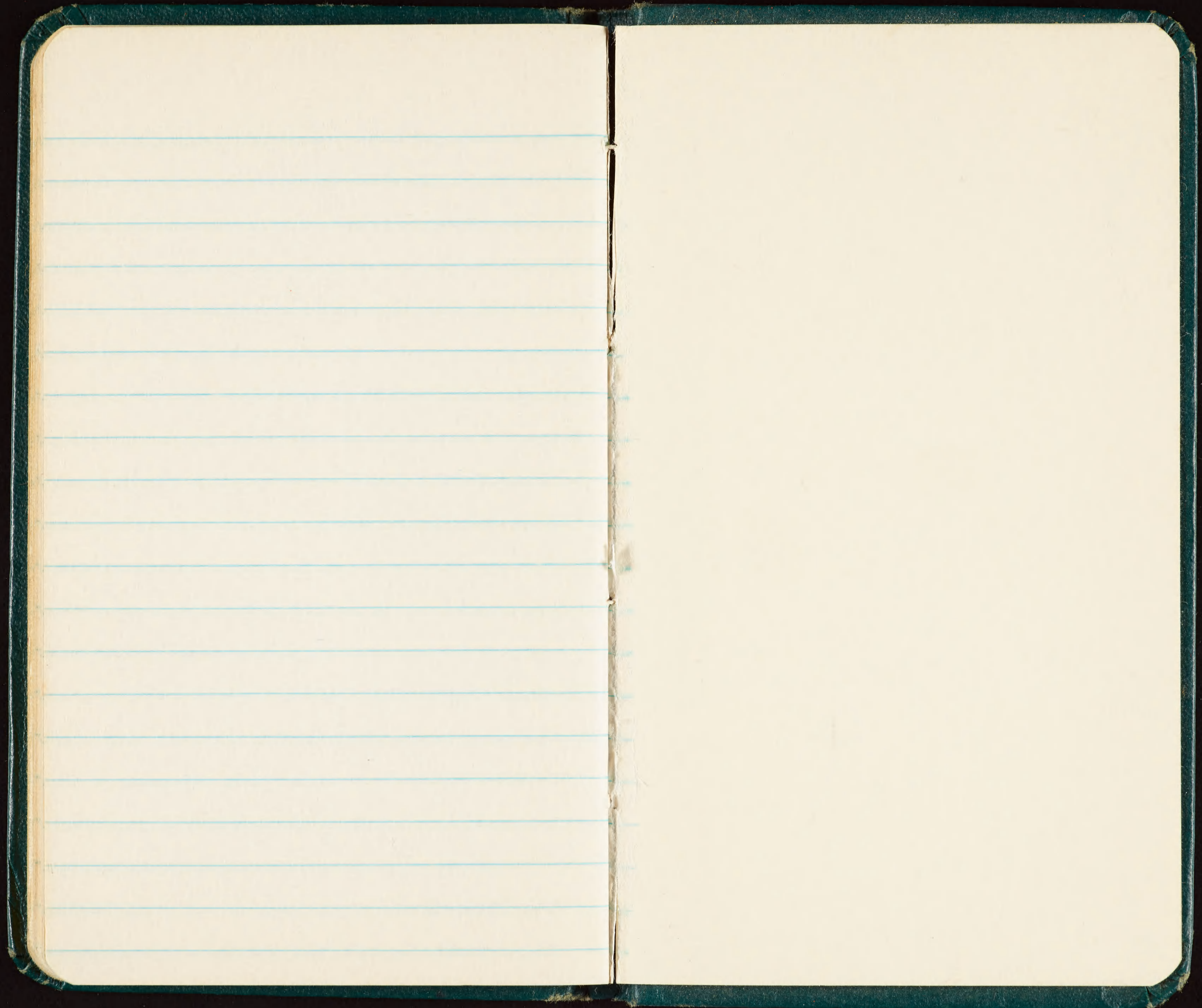














4  
2  
2  
2



7530-222-0078  
FEDERAL SUPPLY SERVICE